



Avalon World School, Waghodia

Annual Curriculum & Pedagogical Plan 2025-26

1. Information about the school

1.1 Basic	
• Name of School	AVALON WORLD SCHOOL WAGHODIA
• Address	AVALON WORLD SCHOOL WAGHODIA, VADODARA-WAGHODIA ROAD 391760 (GUJARAT)
• Phone Number	7574833660 /61 / 70
• Website	www.awswaghodia.com
• Email Id	info@awswaghodia.com
• Name of the Principal	Dr. RK. SHAKYA
• Email ID	principal@awswaghodia.com
• School Affiliation no.	430360
• School Code	10339
• Year of affiliation	01/04/2018
• Validity of affiliation	31/03/2028
1.2 Total number of students	561 Boys 330 Girls 231

1.3 Class-wise details

Student Strength 2025-26

Class	Boys	Girls	Strength
PN	9	10	19
NUR	11	13	24
PREP	21	16	37
I-A	18	18	36
I-B	23	13	36
II-A	17	11	28
II-B	19	9	28
III-A	9	17	26
III-B	16	9	25
IV-A	13	10	23
IV-B	16	9	25
V-A	16	7	23

V-B	18	5	23
VI-A	17	14	31
VI-B	17	14	31
VII-A	25	15	40
VIII-A	28	12	40
IX-A	20	15	35
X-A	14	11	25
XI-A	3	2	5
XII-A	0	1	1
Total	330	231	561

1.4 Board Exam Grade X Results- Last Four Years				
Year	2021-22	2022-23	2023-24	2025-26
Total No. of Students	20	16	28	22
No. Of Students appeared	20	16	28	22
No. of Students Passed	20	16	28	22
Passed Percentage	100%	100%	100%	100%

1.5 Teachers Details		
S.No.	Category/ Designation	No. of Teachers
1	PGT	02
2	TGT	12
3	PRT	13
4	NTT	04
5	PET	02
6	Special Educator	01
7	Counsellor	01
8	Librarian	01
Total		37

2.Vision & Mission Statement of the school

2.1Vision Statement of the school

"As far as possible Without surrender, be on good terms with all persons. Speak your truth quietly and clearly, and listen to others. Even the dull and ignorant, they too have their story. Avoid loud and aggressive persons, they are vexatious to the spirit."

2.2 Mission Statement of the school

Go, placidly amidst the noise and the hassle,
And consider what peace there may be in Silence.
As far as possible without surrender, be on good terms with all persons.
Speak your truth quietly and clearly, and listen to others.
Even the dull and ignorant, they too have their story.
Avoid loud and aggressive persons,
They are vexatious to the spirit.
If you compare yourself with others, you may become vain and bitter,
For always there will be greater and lesser persons than yourself.
Enjoy your achievements as well as your plans.
Many people strive for high ideals,
And everywhere life is full of heroism.
Take kindly the counsel of years,
Gracefully surrendering the things of youth.
Do not distress yourself with imaginings.
Beyond a wholesome discipline,
Be gentle with yourself.
You are a child of the Universe, no less than the tress and stars.
Whatever your labours and aspirations,
In the noisy confusion of life,
Keep peace with your soul,
With all its shams, drudgery and broken dreams,
It is still a beautiful world.
Be cheerful & strive to be happy.

3. Consultations and discussions held for preparing the annual plan.

Pedagogical planning is undertaken after series of discussions over the review of the previous session,

analysing the level of achievement in terms of the present aims and objectives, identifying the learner

centric educational needs, resource availability and possibility, teaching -learning strategies, methodologies and innovations in both, methodology of assessments with timelines and periods to prepare remedial action reports for implementation. The responsibility for pedagogical planning in the school is undertaken by the Section Coordinators, Subject Coordinators of respective

classes and the selected teachers under the guidance of the Principal. The Principal demonstrates the

feedback, the expectations in the proposed Annual Pedagogical Planning with instructions and guidelines.

4. Goals to be achieved- annual and long term

Following goals are set for the session:

1. To enhance the experiential learning for all the offered subjects.
2. Planning curriculum for the Value building among the students.
3. To design a curriculum for mental, physical, emotional and social wellbeing of the students along the academic interests of the students.

4. To offer Vocational learning.
5. Planning the curriculum in accordance with NEP 2020 and 21st century skills.
6. To increase the number and areas of opportunities (Co-scholastic and Scholastic) for participation by the students.
7. To strengthen the guidance and counselling program in the school, to empower children, build up their capacity for self-management, as also to guide them academically to assume more responsibility for their own learning especially in the senior classes.
8. Continuing with the training sessions for the teachers.
9. Arranging classes for NTSE, NBSE, Olympiad preparations and Personality development.
10. To ensure that all facilities required implementing and achieving goals are made available on timely basis.

The goals, developed on the basis of our vision and mission, are designed to help the school continue in the pursuit of its excellence.

5. Culture of the school

Avalon World School emphasises inventiveness, creativity, exploring insight, developing thinking and analytical skills, and most importantly expressing and comprehending their inner self.

- Well-designed learning programme, subject enrichment activities, and value-based education aligned with the school curriculum and vision of the organization.
- Learner-centred approach to education; conducive academic environment and progressive outlook.
- Integration of technology in education.
- Scientific temper is inculcated in each child through exploration, observation, and discovery.
- Active participation and consistent achievements in various scholastic and co-scholastic activities, and skill-based competitions.
- Focus on overall personality development. The curriculum caters to Multiple Intelligences, perfectly synchronized to facilitate the child's pursuit of knowledge

The school provides every prospect to help students attain their full potential.

6. Curriculum

CLASSES	SUBJECTS OFFERED
FOUNDATIONAL STAGE	ENGLISH, HINDI, MATHEMATICS, ART & CRAFT, DANCE & MUSIC
(PRE-PRIMARY TO GRADE II)	ENG, HINDI, MATHS, EVS, GUJARATI, ART & CRAFT, DANCE & MUSIC, GK, COMPUTER SCIENCE
PREPARATORY STAGE (GRADE III TO V)	ENG, HINDI, MATHS, SCIENCE, SOCIAL SCIENCE, GUJARATI, ART & CRAFT, DANCE & MUSIC, GK, COMPUTER SCIENCE

 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE II B																
DAY/TIME	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
PERIOD	0	1	2	3	4	5	6	7	8							
MONDAY		ASSEMBLY	CT	Library	Art & Craft	P.E.										
TUESDAY	H O M E R O O M	WA		CT	Dance	P.E.										
WEDNESDAY		ASSEMBLY	CT	Dance	English	Gujarati										
THURSDAY			CA/NA		Library	Mathematics										
FRIDAY		ASSEMBLY	CT	MUSIC	P.E.	English										
	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
			1	2	RECESS	3	4	5								
2nd SATURDAY		HOMEROOM	HA	MD	RECESS	EVS	Dance	Hindi								
4th SATURDAY		HOMEROOM	HA	MD	RECESS	Art & Craft	Hindi	EVS								

Please Note : WA - Weekly Assessment, HA - House Activity, CA - Club Activity, G.K. - General Knowledge, V.E. - Value Education, A.I. - Artificial Intelligence, MD - Mass Drill

Please note there may be changes in the Time-Table as and when required.

 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE II A																
DAY/TIME	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
PERIOD	0	1	2	3	4	5	6	7	8							
MONDAY		ASSEMBLY	CT	G.K./V.E.	Hindi	Gujarati										
TUESDAY	H O M E R O O M	WA		CT	English	Library										
WEDNESDAY		ASSEMBLY	CT		A.I.	Mathematics	Art & Craft									
THURSDAY			CA/NA			Art & Craft	English									
FRIDAY		ASSEMBLY	CT	English	Music	P.E.										
	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
			1	2	RECESS	3	4	5								
2nd SATURDAY		HOMEROOM	HA	MD	RECESS	EVS	Art & Craft	Hindi								
4th SATURDAY		HOMEROOM	HA	MD	RECESS	Mathematics	Hindi	EVS								

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 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE III A																
DAY/TIME	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
PERIOD	0	1	2	3	4	5	6	7	8							
MONDAY		ASSEMBLY	CT	Mathematics	Science	Hindi										
TUESDAY	H O M E R O O M	WA		CT	Social Science	Dance										
WEDNESDAY		ASSEMBLY	CT	Music	P.E.	Science										
THURSDAY			CA/NA		Mathematics	Science										
FRIDAY		ASSEMBLY	CT	Social Science	English	Science										
	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
			1	2	RECESS	3	4	5								
2nd SATURDAY		HOMEROOM	HA	MD	RECESS	Social Science	Mathematics	Art & Craft								
4th SATURDAY		HOMEROOM	HA	MD	RECESS	Gujarati	P.E.	Music								

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 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE III B																
DAY/TIME	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
PERIOD	0	1	2	3	4	5	6	7	8							
MONDAY		ASSEMBLY	CT	Science	Gujarati	Mathematics										
TUESDAY	H O M E R O O M	WA		CT	Hindi	Music										
WEDNESDAY		ASSEMBLY	CT	Hindi	P.E.	English										
THURSDAY			CA/NA		Social Science	Art & Craft										
FRIDAY		ASSEMBLY	CT	Mathematics	Science	Social Science										
	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
			1	2	RECESS	3	4	5								
2nd SATURDAY		HOMEROOM	HA	MD	RECESS	Social Science	English	Music								
4th SATURDAY		HOMEROOM	HA	MD	RECESS	A.I.	Science	Art & Craft								

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 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE IV A																
DAY/TIME	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
PERIOD	0	1	2	3	4	5	6	7	8							
MONDAY		ASSEMBLY	CT	Karate	English	Social Science										
TUESDAY	H O M E R O O M	WA		CT	Mathematics	English										
WEDNESDAY		ASSEMBLY	CT	Social Science	Mathematics	Science										
THURSDAY			CA/NA		English	Mathematics										
FRIDAY		ASSEMBLY	CT	Mathematics	Science											
	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
			1	2	RECESS	3	4	5								
2nd SATURDAY		HOMEROOM	HA	MD	RECESS	Science	Library	Gujarati								
4th SATURDAY		HOMEROOM	HA	MD	RECESS	Science	Mathematics	Social Science								

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 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE V B																
DAY/TIME	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
PERIOD	0	1	2	3	4	5	6	7	8							
MONDAY		ASSEMBLY	CT	Karate	Social Science	Science										
TUESDAY	H O M E R O O M	WA		CT	Mathematics	Social Science										
WEDNESDAY		ASSEMBLY	CT	Gujarati	Hindi	English										
THURSDAY			CA/NA		A.I.	Social Science										
FRIDAY		ASSEMBLY	CT	Hindi	Dance	English										
	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
			1	2	RECESS	3	4	5								
2nd SATURDAY		HOMEROOM	HA	MD	RECESS	Dance	P.E.	Social Science								
4th SATURDAY		HOMEROOM	HA	MD	RECESS	Music	English	Library								

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 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE IV B																
DAY/TIME	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
PERIOD	0	1	2	3	4	5	6	7	8							
MONDAY		ASSEMBLY	CT	Karate	English	Mathematics										
TUESDAY	H O M E R O O M	WA		CT	Science	Art & Craft										
WEDNESDAY		ASSEMBLY	CT	Mathematics	Mathematics	Social Science										
THURSDAY			CA/NA		Science	Social Science										
FRIDAY		ASSEMBLY	CT	Mathematics	English	Social Science										
	8:00 AM TO 8:15 AM	8:15 AM TO 8:30 AM	8:30 AM TO 8:45 AM	8:45 AM TO 9:00 AM	9:00 AM TO 9:15 AM	9:15 AM TO 9:30 AM	9:30 AM TO 9:45 AM	9:45 AM TO 10:00 AM	10:00 AM TO 10:15 AM	10:15 AM TO 10:30 AM	10:30 AM TO 10:45 AM	10:45 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:15 AM TO 11:30 AM	11:30 AM TO 11:45 AM	11:45 AM TO 12:00 PM
			1	2	RECESS	3	4	5								
2nd SATURDAY		HOMEROOM	HA	MD	RECESS	Library	Science	English								
4th SATURDAY		HOMEROOM	HA	MD	RECESS	Mathematics	Gujarati	P.E.								

Please Note : WA - Weekly Assessment, HA -

 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE VIA																
DAY/TIME	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM	12:00 PM TO 12:30 PM	12:30 PM TO 1:00 PM	1:00 PM TO 1:30 PM	1:30 PM TO 2:00 PM	2:00 PM TO 2:30 PM	2:30 PM TO 3:00 PM	3:00 PM TO 3:30 PM	3:30 PM TO 4:00 PM
PERIOD		0	1	2	3		4	5		6	7	8				
MONDAY	ASSEMBLY	CT	Social Science	Karate	Science (A)		Social Science	Mathematics	S H O M E R O O M	Science	Hindi	English				
TUESDAY	H O M E R O O M	WA	CT	Social Science	Science	R E C E S S	Science	Hindi		Mathematics (A)	Gujarati/Sanskrit	English				
WEDNESDAY	ASSEMBLY	CT	English	A.I.	G.K./V.E.	R E C E S S	Science	Hindi		Mathematics	English	Social Science				
THURSDAY		CA/HA		Mathematics	Hindi		VPA	A.I.	R E C E S S	Swimming/P.E.		Mathematics				
FRIDAY	ASSEMBLY	CT	Hindi	Social Science	Library		Mathematics	English (LDC)	R E C E S S	Gujarati/Sanskrit	Science	Social Science				
	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM								
		1	2	RECESS	3	4	5									
2nd SATURDAY	HOMEROOM	Social Science	English	MD	RECESS	English	P.E.	HA								
4th SATURDAY	HOMEROOM	Dance	MD	RECESS	English	P.E.	HA									

Please Note : WA - Weekly Assessment, HA - House Activity, CA - Club Activity, VPA - Visual Performing Art, G.K. - General Knowledge, V.E. - Value Education, A.I. - Artificial Intelligence, MD - Mass Drill, LDC - Language Development Class, (A) - Acadally

Please note there may be changes in the Time-Table as and when required.

 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE VIB																
DAY/TIME	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM	12:00 PM TO 12:30 PM	12:30 PM TO 1:00 PM	1:00 PM TO 1:30 PM	1:30 PM TO 2:00 PM	2:00 PM TO 2:30 PM	2:30 PM TO 3:00 PM	3:00 PM TO 3:30 PM	3:30 PM TO 4:00 PM
PERIOD		0	1	2	3		4	5		6	7	8				
MONDAY	ASSEMBLY	CT	English	Karate	Mathematics		Science (A)	Mathematics	S H O M E R O O M	Hindi	Social Science	Social Science				
TUESDAY	H O M E R O O M	WA	CT	Social Science	G.K./V.E.	R E C E S S	A.I.	Mathematics		Gujarati/Sanskrit	English	Hindi				
WEDNESDAY	ASSEMBLY	CT	Science	Mathematics	Science	R E C E S S	Mathematics	Library		English	A.I.	Social Science				
THURSDAY		CA/HA		Social Science	Hindi		VPA	English	R E C E S S	Swimming/P.E.		Science				
FRIDAY	ASSEMBLY	CT	Science	Hindi	Mathematics		Science	Social Science	R E C E S S	Gujarati/Sanskrit	English (LDC)	Hindi				
	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM								
		1	2	RECESS	3	4	5									
2nd SATURDAY	HOMEROOM	Library	MD	RECESS	Social Science	P.E.	HA									
4th SATURDAY	HOMEROOM	Mathematics	MD	RECESS	English	A.I.	HA									

Please Note : WA - Weekly Assessment, HA - House Activity, CA - Club Activity, VPA - Visual Performing Art, G.K. - General Knowledge, V.E. - Value Education, A.I. - Artificial Intelligence, MD - Mass Drill, LDC - Language Development Class, (A) - Acadally

Please note there may be changes in the Time-Table as and when required.

 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE VII A																
DAY/TIME	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM	12:00 PM TO 12:30 PM	12:30 PM TO 1:00 PM	1:00 PM TO 1:30 PM	1:30 PM TO 2:00 PM	2:00 PM TO 2:30 PM	2:30 PM TO 3:00 PM	3:00 PM TO 3:30 PM	3:30 PM TO 4:00 PM
PERIOD		0	1	2	3		4	5		6	7	8				
MONDAY	ASSEMBLY	CT	Social Science	Karate	Hindi		Mathematics	Hindi	S H O M E R O O M	Gujarati/Sanskrit	English	Science				
TUESDAY	H O M E R O O M	WA	CT	Library	Science (A)	R E C E S S	Hindi	Social Science		Social Science	Mathematics	English				
WEDNESDAY	ASSEMBLY	CT	English	Science	Mathematics (A)	R E C E S S	Swimming/P.E.			Science	Science	A.I.				
THURSDAY		CA/HA		Hindi	Social Science	R E C E S S	Science	Mathematics		English	VPA	Gujarati/Sanskrit				
FRIDAY	ASSEMBLY	CT	Mathematics	English (LDC)	Hindi		Mathematics	G.K./V.E.	R E C E S S	A.I.	Social Science	Science				
	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM								
		1	2	RECESS	3	4	5									
2nd SATURDAY	HOMEROOM	English	MD	RECESS	Mathematics	Social Science	HA									
4th SATURDAY	HOMEROOM	P.E.	MD	RECESS	Mathematics	Hindi	HA									

Please Note : WA - Weekly Assessment, HA - House Activity, CA - Club Activity, VPA - Visual Performing Art, G.K. - General Knowledge, V.E. - Value Education, A.I. - Artificial Intelligence, MD - Mass Drill, LDC - Language Development Class, (A) - Acadally

Please note there may be changes in the Time-Table as and when required.

 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2024-25 TIME TABLE GRADE VII A																
DAY/TIME	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM	12:00 PM TO 12:30 PM	12:30 PM TO 1:00 PM	1:00 PM TO 1:30 PM	1:30 PM TO 2:00 PM	2:00 PM TO 2:30 PM	2:30 PM TO 3:00 PM	3:00 PM TO 3:30 PM	3:30 PM TO 4:00 PM
PERIOD		0	1	2	3		4	5		6	7	8				
MONDAY	ASSEMBLY	CT	Social Science	Karate	Mathematics (A)		Social Science	English	S H O M E R O O M	Gujarati/Sanskrit	Mathematics	Science				
TUESDAY	H O M E R O O M	WA	CT	Science	Mathematics	R E C E S S	Hindi	A.I.		English	Social Science	Science				
WEDNESDAY	ASSEMBLY	CT	Social Science	Hindi	A.I.	R E C E S S	Swimming/P.E.			Science (A)	Mathematics	Social Science				
THURSDAY		CA/HA		Science	Science	R E C E S S	Social Science	VPA		Mathematics	Hindi	English				
FRIDAY	ASSEMBLY	CT	English (LDC)	Mathematics	Gujarati/Sanskrit		Hindi	Social Science	R E C E S S	Science	Library	English				
	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM								
		1	2	RECESS	3	4	5									
2nd SATURDAY	HOMEROOM	Social Science	MD	RECESS	Hindi	A.I.	HA									
4th SATURDAY	HOMEROOM	Mathematics	MD	RECESS	Science	English	HA									

Please Note : WA - Weekly Assessment, HA - House Activity, CA - Club Activity, VPA - Visual Performing Art, G.K. - General Knowledge, V.E. - Value Education, A.I. - Artificial Intelligence, MD - Mass Drill, LDC - Language Development Class, (A) - Acadally

Please note there may be changes in the Time-Table as and when required.

 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE IX A																
DAY/TIME	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM	12:00 PM TO 12:30 PM	12:30 PM TO 1:00 PM	1:00 PM TO 1:30 PM	1:30 PM TO 2:00 PM	2:00 PM TO 2:30 PM	2:30 PM TO 3:00 PM	3:00 PM TO 3:30 PM	3:30 PM TO 4:00 PM
PERIOD		0	1	2	3		4	5		6	7	8				
MONDAY	ASSEMBLY	CT	English	Science (Ch/Phy)	Karate		Hindi	Mathematics	S H O M E R O O M	Mathematics (A)	Science (Biology)	Social Science (IC)				
TUESDAY	H O M E R O O M	CT	Science (Ch/Phy) (A)	Mathematics	Social Science (IC)	R E C E S S	Swimming/P.E.			English	English	Hindi				
WEDNESDAY	ASSEMBLY	CT	English	Mathematics	Social Science (IC)	R E C E S S	Social Science (H/G)	A.I.		Hindi	VPA	Science (Ch/Phy)				
THURSDAY		CA/HA		Social Science (H/G)	Hindi	R E C E S S	A.I.	Mathematics		English	Science (Ch/Phy)	Mathematics				
FRIDAY	ASSEMBLY	CT	Hindi	Hindi	Social Science (IC)		A.I.	Mathematics	R E C E S S	Library	Science (Biology)	English				
	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM								
		1	2	RECESS	3	4	5									
2nd SATURDAY	HOMEROOM	A.I. Lab	MD	RECESS	Science (Ch/Phy)	Hindi	HA									
4th SATURDAY	HOMEROOM	Science Lab	MD	RECESS	Mathematics	English	HA									

Please Note : HA - House Activity, CA - Club Activity, VPA - Visual Performing Art, A.I. - Artificial Intelligence, MD - Mass Drill, (A) - Acadally

Please note there may be changes in the Time-Table as and when required.

 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE X																
DAY/TIME	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM	12:00 PM TO 12:30 PM	12:30 PM TO 1:00 PM	1:00 PM TO 1:30 PM	1:30 PM TO 2:00 PM	2:00 PM TO 2:30 PM	2:30 PM TO 3:00 PM	3:00 PM TO 3:30 PM	3:30 PM TO 4:00 PM
PERIOD		0	1	2	3		4	5		6	7	8				
MONDAY	ASSEMBLY	CT	Mathematics	Hindi	Karate		Mathematics	Science (Ch/Phy)	S H O M E R O O M	English	I.T.	English				
TUESDAY	H O M E R O O M	CT	Mathematics	Social Science (H/C)	I.T.	R E C E S S	Swimming/P.E.			Hindi	Mathematics	Science (Ch/Phy) (A)				
WEDNESDAY	ASSEMBLY	CT	Science (Biology)	English	Mathematics	R E C E S S	Social Science (Economics)	Social Science (H/C)		English	VPA	Hindi				
THURSDAY		CA/HA		English	Science (Biology)	R E C E S S	Mathematics (A)	Hindi		Science (Ch/Phy)	Social Science (Geography)	Library				
FRIDAY	ASSEMBLY	CT	Mathematics	I.T.	Hindi		English	Social Science (H/C)	R E C E S S	Science (Geography)	Hindi	Science (Ch/Phy)				
	8:00 AM TO 8:30 AM	8:30 AM TO 9:00 AM	9:00 AM TO 9:30 AM	9:30 AM TO 10:00 AM	10:00 AM TO 10:30 AM	10:30 AM TO 11:00 AM	11:00 AM TO 11:30 AM	11:30 AM TO 12:00 PM								
		1	2	RECESS	3	4	5									
2nd SATURDAY	HOMEROOM	Science Lab	MD	RECESS	Mathematics	English	HA									
4th SATURDAY	HOMEROOM	I.T. Lab	MD	RECESS	Hindi	Social Science (Economics)	HA									

Please Note : HA - House Activity, CA - Club Activity, VPA - Visual Performing Art, I.T. - Information Technology, MD - Mass Drill, (A) - Acadally

Please note there may be changes in the Time-Table as and when required.

 AVALON WORLD SCHOOL WAGHODIA ACADEMIC SESSION 2025-26 TIME TABLE GRADE XI COMMERCE																
DAY/TIME	8:00 AM TO 8:05 AM	8:05 AM TO 8:20 AM	8:20 AM TO 8:50 AM	8:50 AM TO 9:25 AM	9:25 AM TO 10:00 AM	10:00 AM TO 10:35 AM	10:35 AM TO 11:00 AM	11:00 AM TO 11:35 AM	11:35 AM TO 12:20 PM							
PERIOD		0	1	2	3			4	5							
MONDAY	H O M E R O O M	ASSEMBLY		Business Studies	Business Studies	English	I.P./P.E./ Hindi		Economics	Account						
TUESDAY				Business Studies	I.P./P.E./ Hindi	Account	Account		Economics	English						
WEDNESDAY		ASSEMBLY		English	Business Studies	Account	Economics		I.P./P.E./ Hindi	Business Studies						
THURSDAY				English	I.P./P.E./ Hindi	I.P./P.E./ Hindi	Account		Business Studies	Economics						
FRIDAY		ASSEMBLY		Account	I.P./P.E./ Hindi	Economics	English		Economics	English						
		8:00 AM TO 8:10 AM		8:10 AM TO 9:10 AM	9:10 AM TO 9:45 AM	9:45 AM TO 10:15 AM	10:15 AM TO 10:50 AM	10:50 AM TO 11:25 AM	11:25 AM TO 12:25 PM							
				1	2	RECESS	3	4	5							
2nd SATURDAY		HOMEROOM			Business Studies	MD	RECESS	English	Account	HA/P.E.						
4th SATURDAY		HOMEROOM			English	MD	RECESS	Business Studies	Economics	HA/P.E.						
Please Note : HA - House Activity, I.T. - Information Technology, MD - Mass Drill																

8. Pedagogical solutions

8.1 Foundational Stage (PRE-NURSERY, NURSERY, PREPARATORY, GRADE I & II)

Pedagogy is the art and science of teaching. Different strategies are used in different combinations with different groups of students to improve the learning outcomes. Pedagogical planning includes how teachers and students relate together as well as the instructional approaches implemented in the classroom. Effective pedagogical planning along with supporting activities can lead to academic achievement, social and emotional development of a child. Keeping in consideration the importance of pedagogical planning, various teaching techniques are implemented for the holistic development of the child.

PRE-NURSERY		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	● Props of stories. ● Rhymes. ● Games. ● Flash cards. ● Audio-visual technology. ● Craft. ● Drawing.	● To identify the letters and understand the object's name and first letter of it. ● Development of gross motor, physical skills and social relationship.
MATHEMATICS	● Flash cards. ● Objects showing according to number. ● Counting objects. ● Games. ● Jumping on numbers. ● Craft. ● Drawing.	● Recognition of numbers and being able to count in sequence. ● How many they are in numbers. ● Development of gross, motor, physical and mental skills.
EVS	● Use of picture dictionaries. ● Personal conversation. ● Rhymes. ● Story. ● Craft. ● Drawing.	● Students are able to gain natural, physical, public, cultural and social awareness.

NURSERY		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	● Listening skills-Story ● Speaking skills- show and tell. ● Reading of sight words. ● Writing of alphabets, three letters' words. ● Poem recitation	● Students will be able to develop their English language skills. ● By focusing on listening, speaking, vocabulary, phonics, reading, writing. ● Children can gain the necessary skills and confidence to communicate effectively in English.
HINDI	● Knowledge of all swar, vyanjan. (see the swar and and colour the picture matching and see the picture) ● Poem Recitation ● Story ● Worksheets	● Students will be able to identify all swar and vyanjan. ● Students' listening and writing skills will be enhanced. ● Recite poems with correct pronunciation.
MATHEMATICS	● Oral counting ● Simple math game and interactive activity. ● Pre math concept by showing real objects. ● Usage of visuals and images	● Recognition of numbers and Being able to count in sequence. ● How many they are in numbers. ● Development of gross motor, physical and mental skills.
EVS	● Group discussion ● Craft Work ● Quiz ● Picture reading from Picture Dictionary book. ● Video related to the topics. ● Virtual set up related to the topics.	● Students will be able to know about their surroundings. ● Improve their social, cultural, physical and natural awareness.

PREPARATORY		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	● Listening skills: Develop the ability to listen attentively to spoken English, comprehend simple instructions, and understand basic vocabulary. ● Speaking skills: Build vocabulary, pronunciation, and fluency in spoken English through activities such as storytelling, conversations, and show-and-tell exercises.	● Through these techniques by the end of the academic year students will be able to develop their English language skills and prepare them for further language learning. By focusing on listening, speaking,

	●Vocabulary development: Learn and understand a range of basic English words and expressions, including everyday objects, actions, colors, numbers, and simple phrases. ●Phonics awareness: Begin to recognize and differentiate between different sounds in the English language, laying the foundation for reading and writing skills. ●Reading readiness: Foster an interest in reading and develop pre-reading skills, such as recognizing letters, understanding print concepts (left to right, top to bottom), and identifying simple words. ●Writing readiness: Develop pre-writing skills, including holding a pencil correctly, tracing lines and shapes, and forming basic letters and numbers. ●Social communication: Participate in group activities and conversations, practicing turn-taking, sharing ideas, and expressing thoughts and feelings in English. ●Following instructions: Learn to understand and follow simple instructions given in English, building listening and comprehension skills. ●Creative expression: Engage in activities such as drawing, painting, singing, and storytelling to express ideas and emotions in English.	vocabulary, phonics, reading, writing, social communication, cultural awareness, following instructions, and creative expression, children can gain the necessary skills and confidence to communicate effectively in English. ●These outcomes also promote cognitive development, critical thinking, and social interaction, which are essential for a child's overall growth and future educational success.
HINDI	●Knowledge of all swar, vyanjan and 'AA' matra words with the help of different concepts. (See the swar and and color the picture matching, see the picture and write word etc) ●Poem Recitation ●Loud Reading Sessions ●Dictionary	● Students' reading, listening and writing skills will be enhanced. ● Recite poems with correct pronunciation. ● Read the words and sentences of 'AA' matra. ● Spell and write the words using their phonetic knowledge. 5.Increase their thinking skills.

MATHEMATICS	●Number Recognition: Helping children recognize and identify numbers from 1 to 100 and both in written form and by counting objects. ●Counting and Cardinality: Teaching children to count orally, understand the concept of "one-to-one correspondence" (each object is counted once), and develop a sense of quantity. ●Basic Operations: Introducing basic mathematical operations such as addition and subtraction in simple contexts, using manipulatives or visual aids to help children understand the concepts. ●Patterning: Encouraging children to recognize and create patterns using colours, shapes, and objects, which helps develop their logical thinking and problem solving. ●Shapes and Spatial Awareness: Teaching children to recognize and name basic shapes (circle, square, triangle, rectangle) and develop their spatial awareness through activities involving positioning, direction, and spatial relationships. ●Data Analysis: Introducing basic concepts of data representation, such as organizing and sorting objects or pictures based on attributes (e.g., colour, size) and interpreting simple graphs or charts	●To lay a strong foundation for future math learning by fostering a positive attitude towards math, building number sense, and developing critical thinking skills that will support children's mathematical growth throughout their education.
EVS	●Developing an awareness of the environment by visiting school gardens, watching videos and sharing experiences: The primary objective of EVS in pre-primary education is to develop young children's awareness of the environment around them. This includes introducing them to nature, animals, plants, and the elements of the physical world. ●Promoting a sense of care and responsibility by group activities such as segregation of waste, discussion on saving water, minimising use of plastic, etc: EVS aims to instil a sense of care and responsibility for the environment. It encourages children to develop a positive attitude towards their surroundings and to understand the importance of conservation and sustainable practices. ●Encouraging observation and exploration by regular visits to science laboratories, analysing models and display charts: EVS activities in pre-primary education provide opportunities for children to observe and explore their environment. This helps in	●To further develop children's understanding, awareness, and connection to the environment. By nurturing their curiosity and fostering a sense of responsibility, EVS prepares children for more in-depth environmental education in the future while cultivating environmentally conscious citizens.

developing their observational skills, critical thinking, and curiosity about the natural world.

●**Fostering a connection with nature by visiting school gardens:** By teaching EVS, pre-primary education aims to foster a deep connection between children and nature. It helps them appreciate the beauty and diversity of the natural world, developing a love for nature and an understanding of their place within it.

●**Developing basic scientific concepts by listening and understanding the explanation given by the teacher:** EVS introduces young learners to basic scientific concepts related to the environment. It lays the foundation for later scientific learning by exploring topics such as seasons, weather, plants, animals, and the interdependence of living things.

●**Promoting health and well-being by learning about healthy diet and personal hygiene:** EVS in pre-primary education often includes discussions on personal hygiene, healthy eating, and the importance of physical activity. It aims to promote a healthy lifestyle and an understanding of how individual actions can impact personal and environmental well-being.

●**Enhancing language and communication skills by learning new terms and their meanings:** EVS activities provide opportunities for children to develop their language and communication skills. They learn to describe and express their observations, ask questions, and engage in discussions about their environment.

●**Cultivating social skills and collaboration by going for field trips, performing Activities in groups and participating in group discussions:** EVS encourages children to work together, collaborate, and engage in group activities. It helps develop their social skills, including cooperation, teamwork, empathy, and respect for others and their environment.

●**Building a foundation for future learning by learning the basics about their surroundings and themselves:** EVS in pre-primary education sets the foundation for further environmental education. It prepares children for more complex concepts and topics in later grades, building their knowledge and understanding of environmental issues.

●**Celebrations** - Festival celebrations in pre-primary education play a vital role in promoting

	cultural awareness, social and emotional development, values, creativity, identity formation, family and community engagement, and a sense of celebration. They contribute to the holistic development of children, helping them understand and appreciate the diverse world around them.	
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CLASS I		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	● Constructive Approach, audio Lingual Technique, Subject Enrichment Activities, Individual Activities, Pair Activities & Small Group Activities ● Story Telling Session in an innovative manner ● Poem Recitations ● Loud Reading Sessions ● Role Plays ● Dramatizations ● Reading Comprehension ● Listening and Speaking Skills: ● Sight words reading ● Dictations of Words ● Spell Bee ● Comprehend Words & Their Meanings, Make sentences ● Cross-Questioning	● Acquire the skills of listening, speaking, writing and thinking in an integrated manner. ● identify characters and sequences of a story and ask relatable questions. ● recite poems individually or in groups with correct pronunciation, actions and intonation. ● Read aloud with appropriate pronunciation and expression ● Role play and dramas provide situations where students can be comfortable to speak, respond, and initiate ideas. ● Comprehend the text read by stating the main idea, and details of incidents and draw ● Spell and write the words using their phonetic knowledge ● By learning word meanings students will enhance their vocabulary ● Apply the grammar concepts correctly to frame sentences ● associate words with pictures and name the objects seen in the pictures.
HINDI	● Knowledge of all matters with the help of different concepts. (shabad jodo, varg-paheli, see the Picture and write word, shabad seedhi etc... ● Poem Recitation ● Loud Reading Sessions ● Cross -questions technique ● Exercises on grammar topics.	● Students Reading, Listening and writing skills will be enhanced. ● Recite poems with correct Pronunciation. ● Read the chapter with correct pronunciation and punctuation ● Spell and write the words using their phonetic knowledge

		● Increase their thinking skill ● Apply the grammar concepts correctly to frame simple sentences and answers.
MATHEMATICS	● Individual activities, working in groups of two, small group activities- Counting by grouping method ● Counting 1 to 100 in order. ● Arranging two-digit numbers in order. ● Facts by drawing objects, ● Skip counting, repeated addition. ● Recognising and differentiating between 2D and 3D figures, create 2D shapes and describe their features. ● Measure length and capacities of objects using ruler, buckets etc. ● Using vocabulary learnt through Math concepts in English and EVS like quarter to, half past, fractional terms. ● Reading clock. Reading calendar. ● Observing patterns, Recording data, Interpreting pictographs.	● Count objects by making groups of tens and hundreds through the grouping method. ● Write counting from 1 to 100 correctly. ● Apply the concept of place value to arrange three-digit numbers in ascending and descending order. ● Solve addition and subtraction facts up to three-digit numbers both in writing and mentally. ● Apply the concept of skip counting and repeated addition to construct tables in daily life situations. ● Conclude that division is the distribution of an object or a number in equal parts. ● Draw/cut/produce 2D shapes using pencil and paper/cutting paper/cardboard etc. ● Describe 2D shapes by analysing the number of sides, corners and diagonals in a shape. ● Measure or predict an estimate of length or distance in centimetres and meters and understand the relationship between them. ● Compare the capacity of different containers using non standardized units. ● Confirm a particular day and date by reading a calendar ● Read time on the clock using the correct vocabulary like quarter past, quarter to, half past, O clock etc. ● Recognise pattern in numbers or shapes to complete the series. Gather data, record it in tabular form and represent it on pictographs and interpret it to explain using meaningful words.

EVS	The learner will be given the opportunities in groups / individual and pair work in an inclusive setup: ● Bindi pasting on different body parts. ● Making a food chart. ● Making of a family tree. ● Learning their house addresses and contact numbers. ● Draw and colour traffic lights and zebra crossing. ● Grouping of different animals as wild, pet or domestic. Visit the Science laboratory and school garden to get hands-on experience. Observing display charts and models on different topics based on their curriculum.	Using the pedagogical solutions: ● Students enhance their knowledge of different body parts in a play way method. ● Students come to know about unhealthy and healthy food. ● Students come to know about the relations and importance of family members. ● Students learn their house address and contact number of their parents for use in case of an emergency. ● Students enhance their knowledge about traffic rules and know how to be safe on the road. ● Students enhance their knowledge about domestic, pet and wild animals.
GUJARATI	● Knowledge of all varan with the help of different concepts. ● Exercises on varn topic. ● Poem Recitation ● Loud Reading Sessions ● Cross -questions technique	● Students Reading, Listening and writing skills will be enhanced. ● Spell and write the words using their phonetic knowledge ● Increase their thinking skill ● Recite poems with correct Pronunciation.

CLASS II		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	Constructive Approach, Audio Lingual Technique, Task Based Approach, Subject Enrichment Activities, Individual Activities, Pair Activities & Small Group Activities Individual Activities, Pair Activities & Small Group Activities ● Poem Recitations ● Loud Reading Sessions ● Role Plays ● Dramatizations ● Show And Tell Sessions ● Sight words reading ● Adjective Diary ● Dictations Of Words	● Acquire the skills of listening, speaking, writing and thinking in an integrated manner. ● Identify characters and sequence of a story and ask relatable questions. ● Recite poems individually or in groups with correct pronunciation, actions and intonation. ● Read aloud with appropriate pronunciation and expression ● Role play and dramas

	● Spell Bee ● Writing Very Short Answers Based on Stories ● Comprehend Words & Their Meanings, Make Sentences ● Cross-Questioning Technique ● Expression Sessions Exercises On the Correct Use of Parts of Speech (Nouns, Articles, Pronouns, Adjectives, Prepositions, Conjunctions)	provide situations where students can be comfortable to speak, respond, and initiate ideas. ● Comprehend the text read by stating the main idea, and details of incidents and draw. ● spell and write the words using their phonetic knowledge ● By learning word meanings students will enhance their vocabulary ● Apply the grammar concepts correctly to frame sentences ● Associate words with pictures and name the objects seen in the pictures. ● Produce words with common blends like "fr,tr,bl,cl" etc and double letter words like "oa,oo,ie" etc..
HINDI	● Picture Composition ● Poem Recitation ● Loud Reading Sessions ● Reading Newspaper headlines ● Dictation ● Seen Passage ● Cross-questioning technique ● Exercise on grammar topics	● Make short sentences with correct words. ● Recite poems with correct pronunciation. ● Read the chapter with correct pronunciation and punctuation. ● Comprehend the text read by stating the main idea, and details of incidents and draw meaningful conclusions. ● Spell and write the words using their phonetic knowledge. ● Actively think about what is happening in a text while reading it, in order to generate questions. ● Increase their thinking skill. ● Apply the grammar concepts correctly to frame simple sentences and answers.

MATHEMATICS	● Hands on activities Usage of visuals and images. ● Storytelling sessions to connect situations with the real-world Simple math games and interactive activities. ● Provide techniques for one concept, drawing math problems	● Names and compare numbers till 1000. ● Use place value in writing and comparing three-digit numbers. ● Apply addition, subtraction, multiplication and division in daily life situations ● Describe the physical features of various solid shapes and identifies the types of shapes (2D or 3 D) ● Measurement of length, adding and subtracting length, weight and capacity. ● The hands of the clock and will be able to tell the time. Will be able to differentiate between the concept of A.M. and P.M ● Observe, extend and create patterns of shapes and numbers. ● Identify Days of the week and Months of the year. ● Draw inference based on the data collected ● Identify the value and denominations of currency and perform addition and subtraction operations. ● Fractions with the help of real objects.
EVS	The learner will be given the opportunities to learn in small groups / individually: ● Observing model of human to study internal organs in their body ● Display charts on food and health ● Studying types of clothes ● Role play of community helpers ● Flash cards ● Class quiz	Using the Pedagogical solutions, the students are able to: ● Identify different body parts with their functions. ● Distinguish between healthy and junk food with different categories of food.

	Knowing and identifying different parts of plants by visiting the school garden.	• Understand the importance of different types of clothes according to weather. • Understand the importance of Air, Water and weather in our life. • Understand different types of houses according to place. • Learn the importance of festivals and understanding of their celebration. • Acquire the knowledge of different places in school and their importance. Learn the importance of community helpers. Develop motor skills.
GUJARATI	• Knowledge of all matras with the help of different concepts. • Exercises on varn topics. • Poem Recitation	• Students Reading, Listening and writing skills will be enhanced. • Spell and write the words using their phonetic knowledge • Increase their thinking skill • Recite poems with correct Pronunciation.

8.2 Preparatory Stage (GRADE III TO V)

CLASS III		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	Constructive Approach, Audio Lingual Technique, Task Based Approach, Project-Based Approach, Subject Enrichment Activities, Individual Activities, Pair Activities & Small Group Activities • Poem Recitations • Loud Reading Sessions • Role Plays • Dramatizations • Reading Newspaper Headlines • Just A Minute Rounds • Show And Tell Sessions • Dictations Of Words and Short Paragraphs • Spell Bee	• Read the prose and recite poetry with correct pronunciation, intonation, stress and pause as required. • Execution of short stories & plays, in the form of skits or drama by comprehending the characters, and delivering their dialogues with correct pronunciation, intonation, stress and pause as required. • Understand the prose by stating the central idea, details, sequence of incidents, portraying the protagonist & other main character of the

	● Writing Very Short Answers Based on Stories and Poems Read ● Comprehend Words & Their Meanings ● Cross-Questioning Technique ● Expression Sessions ● Password Technique ● Games/Smart Modules/ ● Exercises on the correct use of Parts of Speech (Nouns, Pronouns, Adjectives, Adverbs, Verbs, Prepositions, Conjunctions, Interjections), Articles, Tenses, Kinds of Sentences Creative Writing: Picture Composition, Paragraph Writing, Notice Writing, Bio-Sketch, Formal & Informal Letter Writing.	prose, drawing out conclusions or messages from the prose or poetry. ● Comprehend the message printed on posters or pamphlets, headlines printed in the newspaper, subtitles on news channels demonstrate their understanding in words. ● Spell and write trickier words, compose age-appropriate sentences using adjectives to add details and answer the questions correctly following the rules of capitalization with the correct use of punctuation marks like comma, full stop, question mark, apostrophe, quotation marks, semicolon, and exclamations. ● Incorporate words like firstly, first of all, then, secondly, next, later to bring clarity in writing when sequencing is required in a piece of writing. ● Present their thoughts on general topics in the show and tell sessions. ● Share their experiences on general topics in a structured and sequential manner. ● Apply the newly learned vocabulary from lessons and the ‘Password of the day’ in conversation. ● Comprehend the meaning of new vocabulary when read in a sentence by understanding the context of the text. ● Apply the grammar concepts correctly to frame sentences and answers using the correct tenses. ● Comprehend and follow the simple but multiple instructions given. ● Solve crosswords with minor help from the teacher. ● Construct meaningful and situation-based questions that involve skills of application, analysis, and comparison for
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		the peer group to answer. ● Explain their thoughts, opinion, and understanding about the story orally and talk about the characters in the story highlighting their major character traits. ● Modify and explain a different climax of the stories read with little guidance from the teacher. ● Write different age-appropriate compositions like Picture Composition, Paragraph Writing, Notice Writing, Bio-Sketch, Formal & Informal Letter Writing.
HINDI	● Group Discussion ● Picture composition ● Poem Recitation ● Loud Reading Sessions ● Role Play ● Reading Newspaper headlines ● Show and Tell sessions ● Story Telling ● Dictation of words ● Short Paragraphs ● Cross- questioning technique ● Exercises on grammar topics.	● Present their thoughts on general topics. ● Make short sentences with correct words. ● Recite poem with correct pronunciation. ● Read the chapter with correct pronunciation and punctuation. ● Present stories in the form of skit by recognising the characters speaking their dialogues with expressions. ● Comprehend the text read by stating the main idea and details of incidents and draw meaningful conclusions. ● Present their thought on general topics related to their immediate surroundings in show and tell sessions. ● Modify and explain a different climax of the stories read with guidance from the teacher. ● Spell and write the words using their phonetic knowledge. ● Framing the small sentences with the correct use of simple punctuation marks. ● Increase their thinking skills.

		● Apply the grammar concepts correctly to frame simple sentences and answers.
MATHEMATICS	● Concept building ● Usage of concept in real life ● Computation ● Evaluation ● Reasoning and ● Analytical skills ● Lab activities ● Puzzles mental math ● Worksheets ● Real life problem solving ● Project work ● Multiple choice question • Reasoning / problem solving ● Math Quiz ● Pen paper tests ● The place value path, ● Head down game. ● Rounding memory game Toss a beach ball, Spin & Subtract, Multiplication tree ● Paper folding, by painting half of the shape. ● Interpreting pictograph. Integrated project.	Using the Pedagogical solutions, the students will be able to: ● Relationship between the place or position of a number. ● Learn the concept of odd and even numbers. ● Rounding results in an approximate value and makes them understand round off whole numbers to the nearest tens. ● To calculate two digits addition, subtraction mentally. ● To represent multiplying one - digit number with place value equipment. It will help to investigate patterns when multiplying one-digit numbers by multiples of 10, 100. ● To construct solutions to solve simple division equations and will be able to create their own word problems. ● Understand the basics concept like half, one- third, one-fourth. ● To describe units of measure, use measuring tools, & explain purpose of measuring. ● This paper clock helps students to read time on the clock using the correct vocabulary like quarter past, quarter to etc.
SCIENCE	The learner will be given the opportunities to learn in small groups or individually: ● Classification chart for living and non-living things ● Identify different materials used to make different houses. ● They will learn about plants by nature-walk in the school garden. ● Know about birds by observing their pictures. ● Flash cards of Animals and their food.	Using the Pedagogical solutions, the students are able to: ● Characterize living and non-living things. ● Understand the importance of shelter in different regions. ● Explain the importance of plants. ● Know about different parts of the leaves. ● Know about the interdependence of the animals and plants.

	● Working models of Human body systems. ● Display model of solar system ● Group discussion about safety rules for different places.	● Distinguish between different features of the birds. ● Understand the importance of various organs in Human body. ● Learn different properties and importance of air and water. ● Learn how to be safe in different conditions and places.
SOCIAL SCIENCE	Individual activities, Working in groups of two, small group activities- ● Observations ● Exploration ● Story Telling ● Role Plays/Dramatizations ● Questioning technique/ ● Quiz ● Research work ● Group Discussions ● Field trips ● Experience sharing sessions ● Finding similarities and differences. ● Collecting objects. ● Analyzing situations and suggesting possible results or solutions ● Art Integrated Projects	Using the Pedagogical solutions, the students will be able to: ● To develop an understanding about the earth as the habitat of humankind and other forms of life. ● Sensitize towards the environment. ● Know the value of resources and will try to use them in a justified manner. ● Learn the importance of using eco-friendly vehicles in minimizing air pollution. ● Awareness about carpool to reduce pollution ● Realize how the different occupations are interlinked & that no one's occupation is better or worse than the other. ● Understand the significance of safety rules. ● Understand that all community helpers are equally important in our life. ● State different ways of transportation and communication and analyse how the ways have changed over the years. ● Understand the importance of her/ his own region, state, and country in the global context. ● Study of India's past, with references to contemporary developments in other parts of the world. ● Understand the functioning and dynamics of social and political institutions and processes of the country. ● Learn why we should have rules and regulations in the school as well as in the country. ● Investigate to find out more

		facts about the topics through research work and exploring the internet as guided by the teachers. ● Share their experiences from visits/field trips with family or school to places like big bazars, malls, water purification plants etc.
GUJARATI	● Knowledge of all matters with the help of different concepts. (vaky banavo, jodka jodo..... ● see the Picture and write sentences, shabad kotho etc... ● Poem Recitation ● Loud singing Sessions ● Exercises on grammar topic. (vachan, ling....	● Students Reading, Listening and writing skills will be enhanced. ● Recite poems with correct Pronunciation. ● Read the chapter with correct pronunciation and punctuation ● Spell and write the words using their phonetic knowledge ● Increase their thinking skill ● Apply the grammar concepts correctly to frame simple sentences and answer.

CLASS IV		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	Constructive Approach, Audio Lingual Technique, Task Based Approach, Project-Based Approach, Subject Enrichment Activities, Individual Activities, Pair Activities & Small Group Activities ● Poem Recitations ● Readathon: Loud Reading Sessions ● Role Plays ● Dramatizations ● Posters/ Pamphlets/ Newspaper Reading Sessions (DROP- drop everything and read) ● Just a Minute Rounds ● Show & Tell Sessions ● Turn-a-Coat Session ● Changing the Climax of a Story Sessions	Through these pedagogical techniques, by the end of the academic year 2024-25, the majority of students of class IV will be able to: ● Read the prose and recite poetry with correct pronunciation, intonation, stress and pause as required. ● Execution of short stories & plays, in the form of skits or drama by comprehending the characters, and delivering their dialogues with correct pronunciation, intonation, stress and pause as required. ● Understand the prose by stating the central idea, details,

	● Dictation of Words & Short Paragraphs ● Spell Bee ● Writing Short Answer based on Prose & Poetry ● Comprehend Unseen Passages & Poems ● Comprehend Words & their Meanings ● Cross- Questioning Technique ● Expression Sessions ● Games/ Smart Modules ● Exercises on the correct use of Parts of Speech (Nouns, Pronouns, Adjectives, Adverbs, Verbs, Prepositions, Conjunctions, Interjections), Articles, Tenses, Kinds of Sentences ● Creative Writing: Picture Composition, Paragraph Writing, Notice Writing, Formal & Informal Letter Writing	sequence of incidents, portraying the protagonist & other main character of the prose, drawing out conclusions or messages from the prose or poetry. ● Comprehend the message printed on posters or pamphlets, headlines printed in the newspaper, subtitles on news channels demonstrate their understanding in words. ● Spell and write trickier words, compose, age-appropriate sentences using adjectives to add details and answer the questions correctly following the rules of capitalization with the correct use of punctuation marks like comma, full stop, question mark, apostrophe, quotation marks, semicolon, and exclamations. ● Present their thoughts on general topics in the show and tell sessions. ● Share their experiences on general topics in a structured and sequential manner. ● Comprehend the meaning of new vocabulary when read in a sentence by understanding the context of the text. ● Apply the grammar concepts correctly to frame sentences and answers using the correct tenses. ● Comprehend and follow the simple but multiple instructions given. ● Solve crosswords with minor help from the teacher. ● Construct meaningful and situation-based questions that involve skills of application, analysis, and comparison for the peer group to answer. ● Explain their thoughts, opinion, and understanding about the story orally and
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		talk about the characters in the story highlighting their major character traits. ● Modify and explain a different climax of the stories read with little guidance from the teacher. ● Write different age-appropriate compositions like Picture Composition, Paragraph Writing, Notice Writing, Formal & Informal Letter Writing.
HINDI	● Role Play ● Reading Headline of News Paper ● Show and tell the sessions. ● Story telling ● Dictate the words ● Short Paragraphs ● Cross -questions technique ● Exercises on grammar topics. ● Group Discussion ● Picture Composition ● Poem Recitation ● Loud Reading Sessions ● Word Train.	Present stories in the of skit by recognising the characters speaking their dialogues with expressions. Comprehend the text read by stating the main idea and details of incidents and draw meaningful conclusions. Present their thoughts on topics related to their immediate surroundings in show and tell sessions. Modify and explain a different climax of the stories read with guidance from the teacher. ● Spell and write the words using their phonetic knowledge. ● Framing the small sentences with the correct use of simple punctuation marks. ● Increase their thinking skill ● Apply the grammar concepts correctly to frame simple sentences and answer. ● It is a good way to engage the participants in fruitful discussion. ● Demonstrate ability to critique own work and work peers, make short sentences with correct words. ● Recite poems with correct pronunciation. ● Read the chapter with correct pronunciation and

		punctuation ● Development of skill, enhanced vocabulary, Memorizing sight... morphemic analysis.
MATHEMATICS	● Individual activities, working in group of two or small groups ● Learning place value through abacus ● Formulation of multiplication facts through skip counting and extended tables, numbers in expanded form Mental Calculations Mental math exercises. ● Formulating questions based on mathematical facts, solving mathematical problems In groups, Correlating fractional numbers to real life, Representing fractions through paper folding and shading a part of a whole, Using compass and scale to draw circles of different length of radius. ● Role play on Skip counting on a number line and on number grid. ● Interactive method, live examples from children, finding decimal numbers in Newspaper Activity, paper folding and cutting. ● Conversion of rupees into paise and vice versa, Making bills. ● Making estimates and verifying by measuring, Using weigh scales. ● Exploring the calendar using Higher Order Thinking skills. ● Collecting, organizing and studying data, Reading and interpreting bar graphs	● Understanding about comparing numbers, place value and face value ● Able to write roman numerals in daily life ● Students able to do addition, Subtraction, Multiplication, division application in daily life ● Students are able to understand the use of multiplication and division to find factors. Rules of divisibility of 2,3,5,9,10 5. Learn to differentiate the types of fractions, compare to use them in their real-life situations. ●Understand the concept of symmetry. 7. Identify the center, radius and diameter of the circle. ● Convert meters into centimetres and centimetres into meters. ● Read time on clock in hour and minutes and write the time using the terms a.m. and p.m. ● Identify the pattern in multiplication and division. ● Represent the collected information in the form of tables, bar graphs and draw inferences or conclusions from them. ● Students will learn how mathematics is related to other subjects.
SCIENCE	The learner will be given the opportunities to learn in small groups / individual work: ● Role play (parts of tooth and digestion) ● Labelling of diagram (tooth) ● Discover and learn (solids and liquids) ● Class quiz (solids, liquids and gasses) ● Fibre collage of different material ● Flowchart to understand food and digestion ● Flash cards (plants and adaptation in plants)	Using the Pedagogical solutions, the students are able to: ● Clear their concepts and sharpen their memory. ● Identify the nature of fabric and property. ● Remember and analyse ● Recall concepts to solve problems ● Enhance their thinking ability

	● Chart making for life cycle of butterfly ● Chart of Reproduction in Animals ● Guess and find about animals and their adaptation ● Concept map to understand force, work and energy with real life experience ● Role play (solar system) ● Puzzle (solar system) ● Group Discussion of safety at various places	● Learn and memorize important facts on plant survival ● Develop hand coordination and motor skill ● Understand the life cycle of various animals through group study. ● Enhance thinking ability and motor skills ● Build up confidence ● Contribute in keeping the earth clean and green.
SOCIAL SCIENCE	Individual activities, Working in groups of two, small group activities- ● Observations ● Exploration ● Questioning technique ● Quiz ● Story Telling ● Role Plays/Dramatizations ● Research work ● Group Discussions ● Field trips ● Visits with family ● Experience sharing sessions ● Finding similarities and differences ● Collecting objects, ● Analysing situations and suggesting possible results or solutions ● Poster making ● Collage making ● Utilization of waste ● Awareness drives and activities ● Questions and discussions based on critical thinking ● Reading posters, pamphlets, signboards ● Art Integrated Projects	Using the Pedagogical solutions, the students will be able to: ● Learn the diversities of nature. ● Identify the different landforms on the earth. ● Compare and contrast that physical features of the earth are based on its characteristics and appearance. ● Correlate the role of Himalayas with the role of elder's members in the family (providing protection and stand as pillars in times of difficulty. ● correlate the role of mountains with the soldiers of the country. ● Understand the importance of her/ his own region, state, and country in the global context. ● Appreciate the hardships faced by people in the desert and the beauty of the desert. ● Appreciate classical and folk forms of music and dance in India. ● Understand unity in diversity and learn acceptance. ● Realize that we should not waste the resources and be careful while using them. ● Get aware of growing more plants/trees and sensitize other children. ● Recognize soil as a house of various organisms. Similarly, as good soil supports a plant

		and makes it strong, bonding in a family is natured by the members of the family ● Create awareness for conserving minerals. ● Sensitize about the conservation of fuels. ● Replace the use of minerals and fossil fuels by alternative means. ● Realize the importance of forest. ● Identify the season and write their features and its effects on life with respect to traffic and water shortage. ● State different ways of transportation and communication and analyse how the ways have changed over the years. ● Understand the functioning and dynamics of social and political institutions and processes of the country. ● Realize the importance of being a citizen of a democratic country. ● Show respect towards the constitution for fundamental rights. ● To realize and become aware of the duties towards the country. ● Aware the people about their rights ● Realize the importance of being a citizen of an independent country ● Students will be able to reflect on their own ability to respect classroom agreements, identify different levels of government. ● This will help students to develop decision making ability, organizing ability and cooperation among them. ● Develops creativity, observational skills and cooperation among the students.
GUJARATI	● Knowledge of all basic things like	● Students Reading,

	swar, vyanjan, words and sentences with the help of different concepts. (shabad jodo, varg-paheli, see the Picture and write word, shabad seedhi etc... ● Poem Recitation ● Loud Reading Sessions ● Exercises on grammar topics.	Listening and writing skills will be enhanced. ● Recite poems with correct Pronunciation. ● Read the chapter with correct pronunciation and punctuation ● Spell and write the words using their phonetic knowledge ● Increase their thinking skill ● Apply the grammar concepts correctly to frame simple sentences and answer.
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CLASS V		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	● Constructive approach, ● Audio Lingual Technique, Task based Approach, Project-based Approach, Individual Activities, ● Working in groups of two or three, Small Group activities ● Show & Tell Competitions, just a Minute Rounds, Spell-Bee Competitions, ● Poem Recitation, Dramatization, ● Reading Newspapers, Unscramble the letters or words, ● Role Play in reading, Crossword puzzles, ● Writing short answer based on prose and poems, ● Dictations of words and paragraphs, ● Reciprocal questioning, ● Games based on learning, Loud Reading sessions, Poster/Pamphlets reading, Turn-a coat sessions, Changing the climax of story session, ● Comprehend words that apply to mathematical. ● Assignments on the correct use of Parts of Speech - Nouns, Pronouns, Verbs, Adverbs, Adjectives, Prepositions,	● Answer in written or oral form to long questions based on day-to-day experiences, stories, poems heard or read. ● Attempt to spell difficult words by understanding the structure of the word, compose age detailed sentences, using adjectives to add details and answer questions correctly following the rules of capitalization with correct use of punctuation marks like comma, full stop, question marks, apostrophe, quotation marks etc ● Present their thoughts on age-appropriate research based or facts-based topics. ● Read the text and recite poems with correct pronunciation, intonation and pause, expressions and actions/ gestures/ body language as required. ● Present the stories read, in the form of skits, dramas by taking up the different characters and speaking their dialogues with expressions, voice modulation using their body language. ● Comprehend and follow the age appropriate multiple and complex instructions given. ● Explain the central idea of a story or paragraph both verbally and in

	Conjunctions and Tenses. Creative Writing: Notice Writing, Message Writing, Story Writing, Bio-Sketch, Formal & Informal Letter Writing.	written form within the time limit or word limit using key words without compromising on the content. ● Connect ideas gathered from reading, listening, viewing things that are interrelated. ● Refer to a dictionary as and when needed. ● Frame meaningful and explanatory questions to interview people. ● Attempt to write short stories and poems. ● Express their thoughts on different topics suggesting personal views in a polite manner. ● Explore the internet to find new words, famous works of different writers, poets etc. ● Apply the grammar concepts correctly to frame sentences and answers using correct sentences. ● Solve crossword puzzles with minor help from the teacher. ● Comprehend the text read by stating the main idea as well as the hidden idea, details, sequence of incidents, talk about all the characters of the story, draw meaningful conclusions and values from the story or poem read. Relate the learnings to themselves and do exercises like self-evaluation to bring about a positive change in their behaviour and attitude. ● Read, comprehend and explain news and magazine articles in their own words in the correct context. ● Differentiate between homophones and select the correct word in writing.
HINDI	● Group Discussion ● Picture Composition ● Poem Recitation ● Loud Reading Sessions ● Role Play ● Reading Headline of News Paper ● Story telling ● Dictations Of Words ● Short Paragraphs ● Cross Questions Technique	● Present their thought on general topics ● Make the short sentences with the words ● Read the chapter with correct punctuations ● Present stories in the of skit by recognising the characters speaking their dialogues with expressions.

	Exercises on grammar topics.	- Comprehend the thought on general topics related to their immediate surroundings in show and tell sessions. - Modify and explain a different climax of the stories with guidance from the teachers. - Spell and write the words using their phonetic knowledge. - Framing the small sentences with the correct use of simple punctuation marks - Increase their thinking skill - Apply the grammar concepts correctly to frame simple sentences and answer.
MATHEMATICS	- Individual activities, working in group of two or small groups - Place value with abacus - Fun with birth date, Round off puzzle - Developing multiples of a Number through its multiplication facts, Role play on Skip counting on a number line and on number grid. - Interactive method, live examples from children, finding decimal number in Newspaper Activity, paper folding and cutting - Live examples of angles and lines from their surroundings - Measuring of different things with the help of weighing balance, measuring cups and metric scale - data collection Integrated project.	Through the help of these pedagogical activities, students will be able to: - Make large numbers (8-digit) and place them in place value charts with the help of abacus. - Learn to read & write large numbers in Indian as well as International systems. - Learn to do addition and subtraction of large numbers and build problem solving skills. - Learn to multiply, equal distribution and building of problem-solving skills. - Learn to differentiate the types of fractions, use them in their real-life situations. - Understand the concept of symmetry, visualization of 3 D shapes on 2D net. Identify 2D shapes from the immediate environment that have rotation and reflection symmetry. - Learn to classify angles, perpendicular and parallel lines from surrounding, learn to use protractor to measure and draw angles. - Understand the concept of mass, weight and volume, comparison, conversion of units, usage in real life situations; learn to find out perimeter, area and volume of different objects.

		● learn to find the duration b/w two dates and conversion of units of time ● Understand how to make and read the different types of graphs, learn to collect the data from real life and its interpretation.
SCIENCE	Students will be given opportunity to learn in small groups or individually by following means: ● Lab activities ● Puzzles ● Worksheets ● Model making ● Project work ● Multiple choice question ● Research work ● Quizzes ● Live experiments ● Group discussions ● Pen paper tests ● Safety cards (First-Aid) ● Telephone directory ● Discover and learn (Dancing Balls) ● Rocks similes ● Let's solve the riddles (Quiz) / Poster making ● Joints replica with modelling clay ● Measure the treasure ● World of simple machines ● Fun with Filter paper ● Role play ● Fun with shadow (shadow puppet) ● Group discussion ● Do something drastic to cut the plastic (Waste segregation)	Using the Pedagogical solutions The students will be able to develop: ● Reasoning and analytical skills ● Concept building ● Understanding of the concept ● Application of the concept in real life situations ● Scientific information ● Accuracy ● Apply correct methodology ● Knowledge of the concepts ● Knowledge demonstration ● Clear understanding ● Live experiences ● Presentation ● Creativity and aesthetic sense ● Organization of ideas Assess situations and circumstances in order to provide first aid safely. Become aware about traffic and safety rules to be followed. ● Explain the role, functions of different institutions in life like police station, hospital, railway station, fire station and their contact numbers. ● Able to Compare the different states of matter and their properties like floating, sinking, mixing, freezing, melting, evaporation, volume, mass, density etc. ● Identify different historical monuments and describe various rocks used to build up these monuments. ● Evaluate animal habitats and their adaptations for survival. ● Identify the different joints by integration of art and science. ● Students learn about various measuring instruments and enhance their thinking abilities and communication skills.

SOCIAL SCIENCE	Individual activities, Working in groups of two, small group activities- ● Observations ● Exploration ● Questioning technique ● Quiz ● Story Telling ● Role Plays/Dramatizations ● Research work ● Group Discussions ● Field trips ● Visits with family ● Experience sharing sessions ● Finding similarities and differences ● Collecting objects, ● Analysing situations and suggesting possible results or solutions ● Poster making ● Collage making ● Zero waste activity ● Awareness drives and activities ● Questions and discussions based on critical thinking ● Reading posters, pamphlets, signboards ● Art Integrated Projects	Using the Pedagogical solutions, the students will be able to: ● To develop an understanding about the earth as the habitat of humankind and other forms of life. ● Realize the importance of the global grid to find the exact location of places and local time. ● Analyse usage of google maps to trace the places in present times. ● Able to learn and memorize the important facts related to the continents and Oceans ● Analyse and develop critical thinking for the need of the judicious utilization of resources available from hot deserts. ● Sensitize towards conservation of wildlife in different forest regions ● Able to develop communication skills, curiosity and imagination, social skills & sharpen their memory. ● Able to understand how day and night and seasons occur ● Students will be able to create usable things using waste material. ● Able to understand the sequence of evolution of transport and the importance of invention and improvements in technology in transportation. ● Understand the functioning and dynamics of social and political institutions and processes of the country. ● Students will be able to learn about the electoral process. ● Able to explain the various levels of the government and its functioning. ● Describe Issues, events and different situations faced at different levels of Indian government. ● Explain the role of the Indian National Congress in the struggle for freedom. ● Recognize the contribution of different leaders to the cause of India's Independence. ● Recognize the role of the U.N in maintaining peace in the world. ● Realize the importance of each agency of the UN and their functions for the welfare of the countries. [specially during natural disasters] ● This will help students to develop decision making ability, organizing
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		ability and cooperation among them. ● Develops creativity, observational skills and cooperation among the students.
GUJARATI	● Knowledge of short stories and poems with the help of different concepts. (mudda, varg-paheli, see the Picture and write sentences etc... ● Poem Recitation ● Loud Reading Sessions ● Cross -questions technique ● Exercises on grammar topics.	● Students Reading, Listening and writing skills will be enhanced. ● Recite poems with correct Pronunciation. ● Read the chapter with correct pronunciation ● Spell and write the words using their phonetic knowledge ● Increase their thinking skill ● Apply the grammar concepts correctly to frame simple sentences and answer.

8.3 Middle Stage (GRADE VI TO VIII)

CLASS VI		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	Language acquisition opportunities will be provided individually as well as in group or small pairs through various Activities. ● Speaking drills will be provided while using general sentence structures. ● Communicational approach will be applied while giving them ample opportunities to express their ideas and views in group discussion i.e., preparing documentary or fact file etc. ● Loud reading practice through newspaper reading with fluency, accuracy and pronunciation. ● Silent reading in group to comprehend the text and review the expression with the exact meaning conveyed in the text. ● Reading in chunks and then explaining it in the pair group. ● Selection of sentence structures and phrases from the text and practice them in day to day life. ● Model Language Learning through	Through these pedagogical solutions, by the end of the academic year 2024-25, the majority of students of Class VI will be able to get the following outcomes: ● Different sentence structures will help the students to develop the usage of language. ● Will be able to communicate in English with their friends, relatives and family members confidently. ● Will remove hesitation to read in public and increase knowledge of different ideas and vocabulary words. ● Will be able to comprehend text on their own and will learn how to express various situations in writing with expression of emotions. ● Explanation will give them

	audios, videos and news listening activities. ● Role play and Dramatization ● Open ended questions related to text based on thinking skill. ● Synonyms and antonyms of the selected words will be searched and written. ● Creative writing practice in different forms of writing i.e. speech, article, story, message and diary entry etc.	chances to keep check on accuracy. ● will be able to enrich his vocabulary. ● They will be able to understand different accents of native speakers and try to acquire the standardized language through these activities. ● Students will be able to express and imitate various characters and their character traits though the situations depicted in roles and plays presented by them. They will learn social skills which will make their thinking fast and developed. ● Learners will be able to think about different problems faced by different sections of society and will try to find the solutions. Apart from this will be able to see different aspects of life in a single text though open-ended questions. ● Students will be able to enhance their vocabulary by searching different synonyms and antonyms. ● Learners will be confident in writing skill and will not be reluctant to write any piece of writing when asked.
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HINDI	● Developing language across the curriculum ● Exercises on grammar topic ● Poem Recitations ● Loud reading ● Role play, Dramatizations, ● Group Discussions, Survey ● Classifications Pen/Paper Test, Worksheets, MCQ, Dictation test ● Participate in class assembly and school competition.	● To Develop the communication Skills ● Present stories in the skit ● Apply the grammar concepts to frame simple sentences and answer. ● Read the text and recite the poem, intonation and pause, Expressions and actions, body language. ● Reading test with emphasis on pronunciation and accuracy. ● Knowledge and concept, Creativity, observations and demonstrate, clear understanding, correct methodology ● Spell and write the words using their phonetic knowledge. ● Present their thought on topics and speak in confident manner,
MATHEMATICS	● Develop a connection between daily life and mathematical thinking. ● Individual activities, working in groups of two or small groups. ● Students will be divided into groups and they will frame word problems related to real life based on 4 fundamental operations and will bring population data of different states and round off each numeral nearest 10, 100 and 1000. ● Different parts of the circle using a paper folding method. ● Observe angles and lines from their surroundings and then compare all the angles. ● Perform addition and subtraction by using two different colours of buttons. ● Addition of fractions by paper cutting method. ● Data collection and interpretation of the same data with the help of bar graphs. ● Perimeter and area of different polygons formed by using straws. ● Learning of algebraic equations and ratio and proportion through real life	Through the help of these pedagogical activities, students will be able to: ● Express their imagination with the help of numbers and the concept of rounding off numbers. ● Enhance the concept of properties of whole numbers based on addition, subtraction, multiplication and division. ● Understand the concept of prime numbers, composite numbers, factors and multiples. ● Learn about center, radius, diameter, chord, sector, segment and arc of circle. ● Understand the concept of addition of fractions and decimals ● Understand how to make and read the different types of graphs, learn to collect the data from real life and its interpretation. ● Learn the concept of

	situations. ● Explore the concept of symmetry and angles.	perimeter and area of different polygons. ● Understand the concept of simple ratios, comparison of ratios, different word problems based on ratio and proportion.
SCIENCE	The learner will be given the opportunities in groups / individually in an inclusive set-up: ● To identify names and groups of different food items available in their surroundings. ● Activity: To paste different samples of food under different food groups and name them ● Plan a balanced diet for them to promote healthy habits. ● Experimentally verify the presence of starch, protein and fats in food. ● List the steps and devices involved in making fabric. ● Classifying objects in their surroundings on the basis of their properties. ● Observe changes in their surroundings and classify them as physical or chemical changes. ● Trace the leaves to observe their venation. ● Study different parts of a flower. ● Experimentally separate insoluble substances from water. ● Construct and study a simple circuit. ● Observe types of joints by studying their movement.	Using the Pedagogical solutions, the students are able to: ● Know about different groups of food. ● Learn the presence of nutrients in the food. ● Enhance their interaction with the peer group. ● Develop their creativity by learning how fabrics are made. ● Differentiate between artificial and natural fibers. ● Sort materials by observing their properties. ● Observe, Explore, Analysis, and think critically ● Students will do hand on experiments and will make the observation of the same. ● Identify leaves on the basis of their shapes and venation. ● Identify different parts of the flower. ● Identify various types of joints.
SOCIAL SCIENCE	The learner will be given the opportunities in groups / individual and pair work in an inclusive setup: ● Develop understanding of how the Archaeologists think, learn and understand through Mock Interview. ● Develop deep learning and understanding diversity in India and will look at them from different perspectives through knowing various diversities among their class fellows and defining Respect ● Develop a connection between daily life and critical thinking by using Diagrams,	Students will be able to identify the different types of sources and their utility in understanding history. ● Able to develop a healthy attitude towards various kinds of diversities and will be able to respect different cultures and traditions of India. ● Able to recognize the uniqueness of our planet Earth due to the existence of life and different life supporting factors on it.

	Audio- Visual teaching aids and models to understand Motions of the Earth, observation of positions and patterns of different stars in the night sky. • Develop skills to understand astronomical phenomena. Use of globe for understanding and identifying latitudes and longitudes. • Develop concept learning of the Solar System through Role Play explaining the positions of different planets with their movements around the sun. • Develop critical thinking and concept learning through Group discussions on similarities and differences between Harappan Cities and present cities. Locating different centres of Janapadas and Mahajanapadas on an outline map of India. • To realize the working of Police Stations and various other departments in Rural areas through dramatization. • Develop the understanding of the role of government in our lives both in rural and urban areas through Group discussions, Mock Panchayat etc. Develop the ideas of locating different physical divisions of India on the Map using different colours.	• Able to identify latitudes and longitudes like poles, equator, tropics etc. • Able to understand the concept of the Solar System, distinguishes between stars, planets and satellites. • Able to compare and contrast the distinctive features of two different periods at the same time appreciating the special features of Indian old civilisations. Able to locate the different important historical centres. • Able to develop the skill of problem solving and understand the working of Police station, Maintenance of Land records, Patwari and his/her responsibilities. • Able to explain the various levels of the government and its functioning. Describe issues, events and different situations faced at different levels of Indian government. • Able to identify the unique feature of India by locating different physical divisions like mountains, Plateaus, deserts, islands and neighbouring countries of India with the help of conventional symbols.
GUJARATI	• Developing language across the curriculum • Exercises on grammar topic • Poem Recitations • Loud reading • Role play • Group Discussions • Participate in school assembly	• To Develop the communication Skills • Present stories in the class • Apply the grammar concepts (noun, pronoun....) • Read the text and recite the poem. • Reading test with emphasis on pronunciation and accuracy. • Knowledge and concept, Creativity, observations and demonstrate, clear understanding, correct methodology • Spell and write the words

SANSKRIT	• Words Making • Crossword • Show and Tell sessions • Loud Reading Sessions • Exercises on grammar topics • Pen and Paper tests & Worksheets • Sentence making • Mantra recitation	• Development of Skill, Enhanced • Vocabulary & Memorizing sight. • Increase their thinking skill • Present their thoughts on general topics related to their immediate surroundings in show and tell sessions. • Read the chapter with correct pronunciation. • Apply the grammar concepts correctly to frame simple sentences and answers. • Knowledge of the concept • Make short sentences with correct words. • Recite mantras with correct pronunciation.
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CLASS VII		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	The learner will be given the opportunities in groups / individual and pair work: • Share their experiences of journeys, trips, excursions and visits in groups or individually. • Watch and listen to English movies and songs, documentaries, radio talks, shows, discussion and debates. • Summarize and explain the written text orally in written form unseen or seen passages. (Text from any source) Listening to songs /poetry/news talks prose Text of English literature. • Participate in class assembly, school assembly, inter-school and intra school competitions. • Skimming, scanning and reading of the given text. • Learning the vocabulary of the text from various sources and co relate to the other text. • Using of grammar through variety of situations (nouns, verbs, adjectives, pronouns, gerunds)	Using the Pedagogical solutions, the students will be able to do listening, speaking, reading, writing and thinking in an impressive manner. • Engage themselves more frequently and relate it with real life situations and will use the same vocabulary in daily life also will be able to respond to various situations. • Write and explore their ideas in the written form using correct grammar and vocabulary. • Evaluate the written text, able to comprehend the text as well as being able to use the read vocabulary in their daily use of language. • Speak in a confident manner and equally participate in debates, dramas and skits at all levels in groups or

	● Think critically on inputs based on reading and interaction and try to provide suggestions/solutions to the problems raised. ● Know the features of various types of writing: messages, emails, notice, letter, report, short personal/ biographical experiences. ● Create their own stories, dramas, skits, reports, poems, dialogues and scripts for Class VIII writing.	● individually. ● Ask and respond to the text read and be able to write in their own language in the form of diary entry, report or dialogue writing. ● Think and relate to their daily text and usage of it in the correct manner in the written and oral form. ● Use the dictionary, thesaurus and encyclopaedia for referring to the new words coming while reading. ● Write independently the various forms of written text using correct vocabulary as well as the appropriate language and sentence structure. ● Independent writing skill will be developed with the required amount of known vocabulary and language. ● Writes descriptions / narratives showing sensitivity to gender, environment and appreciation of cultural diversity ● Writing of dialogues from a story and story from dialogues.
HINDI	● Listening to stories, songs, poetry, news talks, prose of Hindi literature. ● Participate in class assembly, school assembly, interschool and intra school competitions. ● Watch and listen to Hindi movies and songs, documentaries, radio talks, shows, discussion and debates. ● Share their experiences of journeys, trips/excursions and visits in groups or/individually. ● Summarize and explain the written text orally in written form unseen or seen passages. (Text from any source) ● Using grammar through a variety of situations (nouns, pronouns, verbs, adverbs, adjectives, Types of sentences, gerund).	● Speaking, reading, writing and thinking in a manner. ● Develop Listening skill by Listening Hindi audio. ● Express the same in his/her own language with correct tone and voice modulation. Speak in a confident manner and equally participate in debates, dramas and skits at all levels in groups or individually. ● Engage themselves more frequently and relate it with real life situations and will use the same vocabulary in daily life also will be able to respond to various situations.

	● Know the features of various types of writing: messages, emails, notice, letter, report, vignette, short personal/ biographical experiences. ● Create their own stories, dramas, skits, poems, dialogues and scripts.	● Write and explore his ideas in the written form using correct grammar and vocabulary. ● Evaluate the written text, able to comprehend the text as well as able to use the read vocabulary in their daily use of language. Use the dictionary, and encyclopaedia for referring to the new words coming while reading. ● Independent writing skill will be developed with the required amount of known vocabulary and language Writes descriptions / narratives showing sensitivity to gender, environment and appreciation of cultural diversity ● Writing of dialogues from a story and story from dialogues.
MATHEMATICS	● Product of decimals and integers on a squared sheet demonstrated by the teacher and students. ● Individual activities, working in groups of two or small groups. ● Class activity by the students (4 groups of students present the properties of integers) to make any picture (flower/ scenery) using the concept of fractions). ● Using number cards and playing cards. ● To solve algebraic equations using tiles. ● To explore criteria for congruence of triangles using a set of triangular cut outs. ● To multiply two rational numbers by drawing shapes in rows. ● To determine the area of a closed figure using dotted paper.	● Enhancing the concept of properties of integers. ● Understand the rules necessary to solve problems with integers using addition, subtraction, multiplication, and division. ● Students will be able to learn how to apply the fractions in real life. ● Students will be able to apply knowledge of multiplying integers to multiplying decimals. ● Students will be able to learn how to apply probability in real life. ● Students will be able to learn how to apply the different angles made by the transversal. ● Students will be able to prove that the sum of the measures of the interior angles of a

		triangle is equal to 180°, understand that the exterior angle of a triangle is the supplementary angle to the adjacent interior angle. ● Students will be able to recognise the criteria of congruence in different types of figures. ● Students will be able to learn how to multiply rational numbers. ● Concept enhancement & they will be able to find the area of different figures. ● Concept enhancement & they will learn to differentiate the base & exponents.
SCIENCE	The learner will be given the opportunities in groups / individually in an inclusive setup. ● Understand the role of sunlight in photosynthesis. ● Observe specimens to understand different types of nutrition in organisms ● Understand steps of nutrition (Model of human Digestive system) ● Studying life cycle of silkworm (by help of display chart and video) ● Experimentally study conduction and convection methods for transfer of heat. ● Observe types of chemical reaction (Demonstrated by teacher in lab.) ● Identification of acids and bases by performing a litmus paper test. ● To Observe neutralization reactions in the lab. ● Study the food chain and role of decomposers by visiting the school garden. ● Draw a well labelled diagram of the human heart to understand circulation of blood. ● Transportation of material in animals ● Plot and interpret distance time graph for given data. ● Observe the types of images formed by lenses and mirrors. ● Observing different modes of asexual reproduction in plants. ● Reading and studying a clinical and	Using the Pedagogical solutions, the students are able to: ● Describe the different organs where digestion takes place. ● Explain the process of obtaining silk fabric. ● Explain the process of conduction and convection ● Perform hand on experiments in the lab and making the observation of the same. ● Differentiate between acids and bases. ● Explain the formation of salts. ● Identify the different types of soil by observing their properties. ● Explain working the different parts of the human respiratory system. ● Understand the role of the heart in circulation. ● Interpret the distance time graphs. ● Identify the type of mirror or lenses by observing the image formed by it. ● Explaining the role of various parts. ● Identify the mode of reproduction in different plants. ● Realize the importance of

	laboratory thermometer. ● Study types of soil for their percolation rate. ● Surveying the reason for water scarcity. ● Construction and working of electromagnets.	conserving natural resources. ● Understand the role of different organisms of a food chain in maintaining ecological balance. ● Use a thermometer to measure temperature. ● Construct electromagnets and its uses in daily life.
SOCIAL SCIENCE	The learner will be given the opportunities in groups / individual and pair work in an inclusive setup ● Develop curiosity to know and trace the changes in the society over the medieval period e.g., social, religious and political changes, formation of pan regional empire and change in terminology over the years. ● Develop a sense of dignity & equality for all irrespective of their different backgrounds, gender and race through real life examples and examples from the textbook and the need for a democratic system to live a harmonious life. Discussion and speech on women empowerment will be helpful to clear the concept. ● Analyse the role of media and advertising and their strong link with technology and the mechanism of advertisements in media; markets and the opportunities offered by them ● Develop a connection between the issues raised by the people and the role of the government in tackling them. ● Show the interdependence of different forms of life and inculcate a sense of responsibility towards the natural environment and discuss the ways to conserve it, know the interior of the earth, rock cycle and the evolution of different landforms. ● Discuss similarities and differences in the life of people in different natural regions of the world e.g., deserts, tropical and Subtropical Read globe and maps for identifying historical places / kingdoms, climatic regions, and other resources. Use diagrams / models / visuals / audio-visual materials for understanding the interior of the earth, formation of different types of	Using the Pedagogical solutions, the students will be able to: ● Able to identify the changes, use of different sources of history and changes in social, political and empires and difficulties faced in using those available resources. ● Able to know the critical role of equality in society and the role of the government in instituting policing to alleviate inequality. ● Able to make them sensitive towards balanced report and the role of big business houses in setting a report & the role of media in the market. The students will be asked to write a balanced report and a jingle to attract the consumers to increase its sale ● Able to make them aware of the responsibilities and problems faced by the executives and to make them think of solutions to the public issues. ● The students will be able to know the need for sustainable development and the interdependence of all living and understand the processes that affect our earth and bring changes in the physical features through flowcharts and diagrams. ● Draws interrelationship between climatic regions and life of people living in different climatic regions. ● Evaluating composition and structure of the atmosphere. Describes different components of the environment and the interrelationship between them.

	landforms, movements of water in the ocean, etc.	● Brainstorming on various reasons for air pollution and list measures to prevent it. ● Arranging a Mock Legislative Assembly to understand the working of the MLAs and how they make decisions.
SANSKRIT	● Words Making ● Crossword ● Show and Tell sessions ● Loud Reading Sessions ● Exercises on grammar topics ● Pen and Paper tests & Worksheets ● Sentence making ● Mantra recitation ● Story Telling ● Dictation of words ● Cross- questioning technique	● Development of skill, enhanced vocabulary & memorizing sight. ● Increase their thinking skill ● Present their thoughts on general topics related to their immediate surroundings in show and tell sessions. ● Read the chapter with correct pronunciation and punctuation. ● Apply the grammar concepts correctly to frame simple sentences and answers. ● Knowledge of the concept ● Make short sentences with correct words. ● Recite mantras with correct pronunciation. ● Modify and explain a different climax of the stories read with guidance from the teacher. ● Spell and write the words using their phonetic ● Framing the small sentences with the correct use of simple punctuation marks.
GUJARATI	● Listening to stories, songs, ● Write the swar vyanjan...ka,kha,ga... ● Participate in class assembly, interschool and intra school competitions. ● Watch and listen to the poems. ● Share their experiences of journeys, trips/excursions and visits in groups or/individually. ● Summarize and explain the written text orally in written form unseen or seen passages. (Text from any source) ·Using grammar through a variety of situations (nouns,	● Speaking, reading, writing and thinking in a manner. ● Develop Listening skill by Listening audio. ● Speak in a confident manner and equally participate in dramas ● Write and explore his ideas in the written form using correct grammar and vocabulary. ● Independent writing skill will be developed with the required amount of known vocabulary and language

	pronouns, verbs, adverbs, adjectives, Types of sentences, gerund). • Know the features of various types of writing	Writes descriptions • Writing of from a story
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CLASS VIII		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	The learner may be provided opportunities in pairs/groups/individually and encouraged to- • Participate in classroom activities/school programmes such as Morning Assembly/extempore /debate etc. By being exposed to input-rich environment. • Speak about objects, events in the class / school environment and Outside surroundings. • Participate in grammar games and aesthetic activities for language Learning. • Use formulaic expressions/instructions such as 'Could I give you...Shall we have a cup of tea?' to develop communication skills • Participate in individual activities such as introducing personalities/guests during school programmes. • Learn vocabulary associated with various professions and use them in different situations. • Read stories / plays (from different books/ newspapers in education / children's Section in magazines in English) and narrate them. • Think critically, compare and contrast	The learner- • Responds to instructions and announcements in school and public places viz. Railway station, market, airport, cinema hall, and act accordingly. • Introduces guests in English, interviews people by asking questions based on the work they do. • Engages in conversations in English with people from different professions such as bank staff, railway staff, etc. • Using appropriate vocabulary. • Uses formulaic/polite expressions to communicate. • Speaks short prepared speech in morning assembly. • Speaks about objects/events in the class/ school environment and outside surroundings. • Participates in grammar games and aesthetic activities for language learning. • Participates in different events such as role play, poetry recitation, skit, drama, debate, speech, elocution, declamation,

	/characters /events/ ideas /themes and relate them to life and try to give opinions about issues. ● Refer sources such as dictionary, thesaurus ● And encyclopaedia for meaning in context and understanding texts. ● Use grammar in context such as active and passive voice, reported speech, tenses, parts of speech, etc. ● Understand the context for various types of writing: messages, notice, letter, report, ● Biography, travelog, diary entry etc. ● Take dictation of a passage with specific attention to words pronounced, punctuation and spelling. ● Attempt various types of writing: notice, letter, report, etc as well as personal/ biographical experiences and extrapolative writings ● Attempt creative writing, like stories, poems, dialogues, skits, dialogues from a story and story from dialogues. ● Write a Book Review	quiz etc, organized by school and other such organizations. ● Reads, compares, contrasts, thinks critically and relates ideas to life. ● Refers dictionary, thesaurus and encyclopaedia as reference books for meaning and spelling while reading and writing. ● Prepares a write up after seeking information in print / online, notice board, newspaper, etc. communicates accurately using appropriate ● Grammatical forms (e.g., clauses, comparison of adjectives, time and tense, active passive voice, reported speech etc.) ● Writes a coherent and meaningful paragraph through the process of drafting, revising, editing and finalizing. ● Writes short paragraphs coherently in English/braille with a proper beginning, middle and end with appropriate punctuation marks. ● Writes answers to textual/non-textual questions after comprehension inference; draws character sketch, attempts extrapolative writing. ● Writes email, messages, notice, letters, formal personal experiences etc. ● Develops a skit (dialogues from a story) and story from dialogues. ● Writes a book review.
HINDI	● Listening to poetry/news talks prose text of Hindi literature. ● Participate in class assembly, school assembly, interschool and intra school competitions. ● Introduction of the characters of the stories written by various authors. ● Participate in group discussion, declamation and debates.	● Listening, speaking, reading, writing and thinking in a manner. ● Present their thoughts on general topics and speak in a confident manner. ● Relate it with real life situations and also will be able to respond to various situations.

	• New word formation by using grammar rules. • Newspaper reading and learning the vocabulary to the text and correlate to the chapter. • Know the features of various types of writing-letters, notice, paragraph. • Create their own skits, poems, dialogues, and stories. • using grammar through a variety of situations. (Nouns, pronouns, adjectives.) • create a skill to take interviews and write diary. • Small group activities-poem recitation, Loud reading sessions and dictation.	• write independently the various forms of written text. • Use the dictionary to refer to the new words. • Express the views with correct tone and voice modulation. • Writes descriptions/narratives showing sensitivity to gender, environment and appreciation of cultural diversity. • Write and explore his ideas in the written form using correct grammar and vocabulary. • Correct methodology • Spell and write the words using their phonetic knowledge. • Read the text and recite poems with correct pronunciation, intonation and pause, expressions and actions/gestures/body language.
MATHEMATICS	The learner will be given the opportunities to work individually or in a group setup: • Oral Test. • Group discussion on various types of numbers like: 1. Natural Numbers 2. Whole Numbers 3. Integers 4. Rational Numbers • Enactment by the students explaining properties of Rational Numbers. • Shading/Colouring equal parts of various shapes. • Paper cutting: Making different types of Quadrilaterals. • Square Root/Cube Root Maze. • Square Root/Cube Root Puzzles. • Role play on Simple Interest or Compound Interest. • Sorting and writing Patterns. • Nets of Solid figures. • An activity for establishing a relationship between Circumference and Diameter, representing their ratio as pie. • Dividing the circular region into small sectors and arranging them in the form of a rectangle and finding the area of a circle.	Through the help of these Pedagogical Solutions, Students will be able to: • Understand the concept of Rational numbers. • Defines the concept of Rational numbers. • Generalizes properties of addition, subtraction, multiplication and division of Rational numbers. • Understand and Explain the following properties of rational numbers: • Closure Property • Commutative Property • Associative Property • Distributive Property • Additive Identity • Additive Inverse • Multiplicative Identity • Multiplicative Inverse • Represent rational numbers on a number line. • Reaches to the conclusion that between any two

	● Checking the Algebraic Identities using Paper cutting. ● Role Play. ● Real life examples: Direct and Inverse Proportions. ● Distinguish different situations of Direct and Inverse Proportions. ● Concept of Probability using Face Cards and Number Cards. ● Quiz Competition. ● Projects/Models. ● Field Trips.	rational numbers there lies infinite rational numbers. ● Understand the form of linear equations in one variable. ● Recall the concepts of variables, constants and equations. ● Understand the meaning of solutions. ● Understand and simplify the given linear equation in one variable using transposition and cross multiplication method. ● Apply the concept of linear equations in our daily life and how to solve it. ● Understands the angle sum of a quadrilateral is 360 degrees and the interior angle sum of a polygon with n sides is $(n-2) \times 180$ degrees. ● Understand the sum of all exterior angles of a polygon is 360 degrees. ● Identify the different types of quadrilaterals and their properties. ● Construct quadrilaterals based on the following rules: ● SSSSD ● SSSDD ● SSSSA ● SASAS ● SSAAA ● Special Quadrilaterals ● Recollect the ideas of Bar graphs, Double bar graphs and Tally graphs. ● Understand the concept of Class intervals, Class size, Class limits and how to make a grouped frequency distribution table. ● Understand how to make a Histogram and explain the difference between Histogram and Bar Graph. ● Draw a Pie-Chart based on the given data.
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		● Find square and square roots using different methods and will be able to solve problems of daily life. ● Find Cube and Cube roots using different methods and will be able to solve problems of daily life. ● Calculate square and square roots using the following methods: ● Prime Factorization Method ● Long Division Method ● Calculate cube and cube roots using the Prime Factorization Method. ● Apply the concept of Profit, Loss, Simple interest and Compound interest in real life. ● Differentiate between algebraic expressions and polynomials. ● Understand terms, factors and coefficients of polynomials. ● Identify like and unlike terms. ● Identify types of polynomials based on terms and degrees like: ● Monomials ● Binomials ● Trinomials ● Constant Polynomials ● Linear Polynomials ● Quadratic Polynomials ● Cubic Polynomials ● Bi-quadratic Polynomials ● Understand only like terms can be added or subtracted while solving algebraic expressions. ● Understand how to multiply monomials, binomials and trinomials by opening brackets and using laws of exponents. ● Know the formula of area
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		and perimeter of various figures like: ● Rectangle ● Square ● Circle ● Semi-Circle ● Parallelograms ● Rhombus ● Trapezium ● Other Quadrilateral ● Understand how to apply the formula of area and perimeter of various figures in real life situations. ● Understand the formula to calculate surface area and volume of various solid shapes like: ● Cube ● Cuboid ● Cylinder ● Cone ● Sphere ● Hemisphere ● Understand how to apply the formula of surface area and volume of various solid shapes in real life situations. ● List different laws of exponents. ● Solve problems based on laws and exponents.
SCIENCE	The learner will be given the opportunities in groups / individually in an inclusive setup: ● Observing drip and sprinkler systems of irrigation. ● To research about preservatives and their effects. ● Symposium on Immunology. ● Study their vaccine chart. ● To observe different types of plastics in their surroundings. ● To study the chemical and physical properties of metals. ● To study the properties of magnets. ● To demonstrate the pressure exerted by liquid. ● To calculate pressure exerted by solids. ● To prepare a working model of earthquake	Using the Pedagogical solutions, the students are able to: ● Learn various steps of agriculture. ● Learn about modern methods of irrigation to save water. ● Understand advantages and disadvantages of microbes. ● Learn about the immunity and factors influencing it. ● Identify type of plastic as thermosetting and thermoplastic ● Know about the reactivity of different Metals by studying their displacement reaction. ● Understand about the properties of magnets. ● Understand factors affecting

	detector. ● Prepare a list of endangered and extinct species of plants and animals. ● Write names of wildlife sanctuaries and National parks. ● Observe cells under microscope. ● Draw labelled diagrams of the human reproductive system. Study the life cycle of frog and show metamorphosis (by puppet show) ● Understand the role of hormones ● To draw flow diagram of sex determination. ● To prove experimentally that friction increases with increase in weight. ● To prove experimentally that rolling friction is less than sliding friction. ● To compare the speed of sound in air and solids. ● To verify laws of reflection of light. ● To study refraction of light. ● To study the concept of static charge by use of electroscope. ● To study the constituents of petroleum and their uses. ● To study different parts of a flame. ● To observe a soda ash fire extinguisher. ● To Study the chemical effect of electric current and its applications. ● To discuss pollution of air and water, their causes and effects.	pressure. ● Understand biodiversity on earth and its Conservation. ● Learn the structure and functions of each cell part. ● Learn about the reproductive system of humans. Be aware about teenage reproductive health. ● Explain how the sex of the child is determined. ● Understand that friction is depending on weight and rolling friction is less than sliding friction. ● Know that sound travels with different speeds in different media. ● Get the information of basic two phenomena of light reflection and refraction practically. ● Use an electroscope for studying charges. ● Explain use of different constituents of petroleum. ● Know about parts of flame and conditions necessary for combustion. ● Explain the applications of the chemical effect of electric current. ● Know about various kinds of pollution, their causes and harmful effects.
SOCIAL SCIENCE	The learner will be given the opportunities in groups / individual and pair work in an inclusive setup ● Discussion on periodization of Indian History. ● Delve into the world of resources: Explore the meaning of resources, their variety, location and distribution. ● Develop understanding of how the members of Constituent Assembly think, learn and understand through Mock Constituent Assembly. ● To Collect information about distribution of various natural resources like land, soil, water, natural vegetation, wildlife, minerals, power resources, types of	Using the Pedagogical solutions, the students will be able to: ● To study how the sources for this period are different to those of earlier periods. Students will understand the importance of Ancient, Mediaeval and Modern period ● Able to know about different varieties, location and distribution of resources. ● To develop an understanding of the rule of law and our involvement with the law, understand the constitution as the primary source of all our laws, to understand the vision and values

	industries in their environs and relate it with India and the world. ● To make a timeline of the events of the 1857 revolt and find out the role of technology (such as advanced weaponry and the advance means of communication) in the British victory over the rebels. ● Develop projects on conservation of natural and human made resources, discuss with peers about forest fire, landslide, industrial disasters, natural and human reasons for their occurrence and control measures. Use atlas /maps for locating major agricultural areas of the world, industrial countries/regions, understanding spatial distribution of population. ● Develop an understanding to Participate in the discussion on the concepts of Constitution, Parliament, judiciary and marginalization. ● Prepare posters with drawings and pictures and make oral and written presentations on the significance of the Constitution of India, Preamble, Parliamentary government, separation of powers, federalism. ● Develop an understanding of FIR and the importance of Public Prosecutor in the Criminal Justice system, a Role Play Activity will be held in the class on the trial of any court case ● Discussion on conditions of women in ancient times. ● To develop an understanding of sculptures and use of knowledge and skills through the tours, exhibitions etc.	of the constitution ● Classifies different types of industries based on raw materials, size and ownership. ● To study the various causes and effects of the revolt of 1857. Students will be able to describe the main events in the revolt of 1857 and the contribution of people who participated in it. ● Describing and explaining the major crops, types of farming and agricultural practices in her/his own area/state. Explain the distribution of land in local and outside regions. Analyses uneven distribution of natural and human-made resources on the earth. ● Conducting focus group discussions on violation, protection and promotion of human rights, especially of women, SCs, STs, religious/ linguistic minorities, persons with disabilities, children with special needs, sanitation workers, and other disadvantaged sections of the society. ● Demonstrates how to file a First Information Report and the role of public prosecutor. ● Analyzing the issues related to caste, women, widow remarriage and child marriage, social reforms and the laws and policies of colonial administration towards these issues. Outlines major developments that occurred during the modern period in the field of arts. ● Able to appreciate the art and artisans of the sculptures, use them as sources of history and know the time to which they belong.
GUJARATI	● Participate in class assembly, ● Write the Gujarati poem and paragraph ● Introduction of the characters of the stories written by various authors. ● Participate in group discussion	● Listening, speaking, reading, writing and thinking in a manner. ● Present their thoughts on general topics and speak in a confident manner.

	• New word formation by using grammar rules. • Paragraph writing, story writing • Create their own dialogues, and stories. • using grammar through a variety of situations. (nouns, pronouns, adjectives.) • Small group activities-poem recitation, Loud reading sessions and dictation.	• Relate it with real life situations. • write independently stories and paragraph • Use the dictionary to refer to the new words. • Express the views with correct tone and voice modulation. • Making new sentences • Write and explore his ideas in the written form using correct grammar and vocabulary. • Correct methodology • Spell and write the words • Read the text and recite poems with correct pronunciation, intonation and pause, expressions and actions/gestures/body language.
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8.4 Secondary Stage (GRADE IX & X)

GRADE IX		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	• Role play • Simulating real life situations • Dramatizing and miming • Problem solving and decision making • Interpreting information given in tabular form and schedule • Using newspaper clippings as a resource for comprehending and analysing issues. • Borrowing situations and registers from the world around the learners, from books and from other disciplines • Using language games, riddles, puzzles and jokes • Interpreting pictures / sketches / cartoons • Debating and discussing • Narrating and discussing stories, anecdotes, etc. • Reciting poems • Working in pairs and groups	• To build greater confidence and proficiency in oral and written communication • Communicating in various social settings • To equip learners with essential language skills to question and to articulate their point of view. • To make appropriate usage of English language • To enable the learner to access knowledge and information through reference skills (consulting a dictionary / thesaurus, library, internet, etc.) • To develop curiosity and creativity through extensive reading • facilitate self-learning to enable them to become independent learners • To participate in

	Using media inputs - computer, television, video cassettes, tapes, software packages	conversations, discussions, etc., on topics of mutual interest in non-classroom situations - To develop the ability and knowledge required in order to engage in independent reflection and inquiry - To review, organize and edit their own work and work done by peers - To integrate listening and speaking skills in the curriculum - To give a brief oral description of events / incidents of topical interest - To develop appreciation for Indian languages (multilingualism), translations and Indian writing. - To respond, in writing, to business letters, official communications email etc. - To write without prior preparation on a given topic and be able to defend or explain the stand taken / views expressed in the form of article, speech, or a debate. - To transcode information from a graph / chart to a description / report and write a dialogue, short story or report
HINDI	- Listening to poetry/news talks prose text of Hindi literature. - Participate in class assembly, school assembly, interschool and intra school competitions. - Introduction of the characters of the stories written by various authors. - Participate in group discussion, declamation and debates. - New word formation by using grammar rules. - Newspaper reading and learning the vocabulary to the text and correlate to the chapter. - Know the features of various types of writing-letter, notice,	- Listening, speaking, reading, writing and thinking in a manner. - Present their thoughts on general topics and speak in a confident manner. - Relate it with real life situations and also will be able to respond to various situations. - Write independently the various forms of written text. - Use the dictionary to refer to the new words. - Express the views with

	paragraph, Laghukatha lekhan, Aupcharik email writing. ● Create their own skits, poems, dialogues, and stories. ● using grammar through a variety of situations. (Samas, upsarg-pratyay, arth ke aadhar par vaky bhed, Alankar.) ● create a skill to take interviews and diary writing. ● Small group activities-poem recitation, Loud reading sessions, dictation and listening.	correct tone and voice modulation. ● Write descriptions /narratives showing sensitivity to gender, environment and appreciation of cultural diversity. ● Write and explore their ideas in the written form using correct grammar and vocabulary. ● Correct methodology to spell and write the words using their phonetic knowledge. ● Read the text and recite poems with correct pronunciation, intonation and pause, expressions and actions/gestures/body language.
MATHEMATICS	LAB ACTIVITIES/ART INTEGRATED ACTIVITIES: ● To construct a square root spiral with coloured paper. ● Using coloured paper strips to verify different algebraic identities. ● To verify Pythagoras theorem by paper cutting method. ● Geo-gebra as a tool can be used for Coordinate Geometry. ● To verify the sum of exterior angles of a regular polygon is always 360 degrees. ● Mathematical Quiz based on different concepts can be organized. ● To verify the Mid-point theorem. ● To find the area of the right circular cylinder. ● Preparing Projects and Models. WORKSHEET: ● MCQ based. ● HOTS question based. ● Based on simple concepts. AUDIO VISUAL TEACHING AIDS: ● Smart class module. ● Different software's can be used like GeoGebra.	Students will be able to: ● Explain the sequencing of the number system. ● Understand and define the types of numbers like: ● Natural Numbers ● Whole Numbers ● Integers ● Rational Numbers ● Irrational Numbers ● Real Numbers ● Define the decimal expansions of rational and irrational numbers. ● Explain the decimal expansions of rational numbers as terminating or non-terminating recurring. ● Explain the decimal expansions of irrational numbers as non-terminating non-recurring. ● Represent irrational numbers on the number line using the square root spiral method. ● Represent real numbers on the number line using successive magnification. ● Solve questions based on Rationalisation.

		● Recall and solve questions based on laws of exponents with integral and rational exponents. ● Define polynomials. ● List types of polynomials based on terms and degrees like: ● Monomial ● Binomial ● Trinomials ● Constant Polynomials ● Linear Polynomials ● Quadratic Polynomials ● Cubic Polynomials ● Bi-quadratic Polynomials ● Define factors, degrees in polynomials. ● Define zero of a polynomial. ● State the remainder theorem with examples. ● State and proof of factor theorem. ● Recall the algebraic identities and solve problems based on the same. ● Recalls the properties of different pair of angles formed when two parallel lines are cut by a transversal like: ● Corresponding angles ● Alternate interior angles ● Alternate exterior angles ● Co-interior angles ● Recalls the properties of the following angles: ● Linear pair of angles ● Vertically opposite angles ● Understands that a linear equation in two variables has infinitely many solutions. ● Draw graphs of linear equations in two variables.
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		● Define the Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in the plane. ● Find the area of a triangle using Heron's formula and its applications. ● Recall rules of congruency like: ● SSS ● SAS ● ASA ● RHS ● Prove that angles opposite to equal sides of a triangle are equal and vice versa. ● Recall the sum of angles of a triangle is 180 degrees. ● Recall that the exterior angle of a triangle is equal to the sum of interior opposite angles. ● Recall in a parallelogram, opposite sides are equal and parallel and vice versa. ● Proof of Mid-Point theorem. ● Prove that if the diagonals of a quadrilateral bisect each other, then it is a parallelogram. ● Find surface area and volume of cubes, cuboid, sphere, hemisphere, cylinders and cones. ● Understand the concept of collection of data, representation of data in a tabular form, grouped and ungrouped data, bar graphs, histogram and frequency polygons. ● Proof of the angle subtended by an arc at the center is double the angle subtended by it at any point on the circle. ● Understand that angles in the same segment of a circle are equal. ● Proof of angles subtended by equal chords of a circle at the center are equal and
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		vice versa. ● Explain that angles in a semicircle are always 90 degrees. ● Explain that opposite angles of a cyclic quadrilateral are supplementary and vice versa.
SCIENCE	Students will be given opportunity to learn in groups or individually by means of: ● Observing and performing activities related to Characteristics of matter. ● Analyzing differences between types of mixtures by observing their Physical properties. ● Observing the change of temperature during melting and boiling processes. ● Art integrated Activity on structure of atoms. ● Observing types of cells under a microscope. ● Drawing detailed structure of the cell to know its parts. ● Preparing temporary slides of onion peel and cheek cells. ● Attending symposium on Immunology. ● Making a display project on Immunology. ● Subject Enrichment Activity to calculate distance, displacement, speed and velocity for real life situations. ● Drawing inference from graph and tabular form data about types of motion. ● Understanding the significance of s-t and v-t graphs. ● Using spring balance to measure force. ● Verifying Archimedes' principle in the science laboratory. ● Verifying laws of reflection of sound in science laboratories. ● Understanding differences between longitudinal and transverse waves in a slinky.	Using the Pedagogical solutions, the students are able to: ● Understand the characteristics of matter. ● Differentiate between three states of matter on the basis of their properties at molecular level. ● Identify the type of mixture by observing their Physical properties. ● Draw atomic structures for atoms and find their valency. ● Write a chemical formula for compounds. ● Define isotopes and isobars ● Explain the role of different parts in a cell. ● Identify types of tissue and their function. ● Solve numerical based on three equations of motion. ● Draw inferences from s-t and v-t graphs. ● Explain laws of motion and their applications. ● Differentiate between mass and weight. ● Understand the law of conservation of energy. ● Explain applications of ultrasound. ● Explain Archimedes' principle and solve numerical problems based on it.
SOCIAL SCIENCE	<u>Geography-</u> Students will be able to: ● Know the location of India on the globe.	<u>Geography-</u> Students will be able to: ● List out the dimensions of the land boundary, coastline

	● Explain the implication of the location of India and its vast size. ● Identify the heat zones of the world. ● Realize the need for setting up a standard time and to reason out the selection of 82° 30'E as the standard meridian of India. ● Explain the strategic location of India in developing trade. ● Locate the neighbouring countries of India on the map. ● Explain the major physiographic divisions of India. ● Learn about the great Himalayas with its three parallel ranges and its longitudinal extent, the highest and important peaks of the Himalayas. ● Learn about the Northern Plains with its three sections (Ganga Plains, Punjab Plains and Brahmaputra Plains.) ● Know about the Central Highlands and the Deccan Plateau. ● Learn about the Western Ghats and the Eastern Ghats. Know about the Indian Deserts, Coastal Plains and Islands of India. ● Explain the meaning of Natural Vegetation. ● Describe the biodiversity of India. ● Explain the factors affecting the distribution of flora and fauna in India. ● Describe the characteristics of different types of forest in India. ● Comprehend how change in climate or environment affects the natural existence of wildlife. ● Identify the causes for depletion of flora and fauna. ● List out the measures taken by the government to conserve the flora and fauna. ● Explain the climate of India. ● State the significance of various climatic controls affecting climate of India ● Describe the elements of weather and climate. ● Describe the importance of monsoon rainfall in India. <u>History-</u> ● Know about the abolition of the Monarch through revolution. Learn	area of the mainland, north-south extent and east west extent of India. ● Develop the skills to locate important latitudes and longitudes passing through India and the neighbouring countries of India. ● Justify the naming of the Indian ocean after India. ● Appreciate the importance of India's relations with the world through ages. ● Define the terms like mountains, plains, plateaus, peninsula, islands, etc. ● Describe the main features of each physiographic division. ● Analyse the productive and protective role of each physiographic division. ● Distinguish between the major physiographic divisions. ● Summarize that the diverse physical features of the land have immense future possibilities of development. ● Comprehend the geographical terms related to the river system of an area like tributary, delta, distributary, etc. ● Differentiate between Himalayan rivers and Peninsular rivers. ● Analyse the importance of rivers in the economy. ● Explain the measures taken by the government to conserve water resources. ● Define the terms like population, census, literacy, sex ratio, population growth, etc. ● Distinguish between population growth and population change. ● Know the composition of the population in India. Enlist the causes of low sex ratio in our country.
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	and understand about the three estates of French society. ● Recognise the Rights of Man during the revolution. ● Explain about monarchical and autocratic rule through the French Revolution. ● Identify the factors behind emergence of various political clubs and the important role played by them in the rise and spirit of revolution. ● Recognise the rising demand of equality among citizens in French Society. ● Know about the importance of the French Revolution in the contemporary world. ● Recognise the Rights of Man during the revolution. ● Explain about monarchical and autocratic rule through the French Revolution. ● Identify the factors behind emergence of various political clubs and the important role played by them in the rise and spirit of revolution. ● Recognise the rising demand of equality among citizens in French Society. ● Know about the importance of the French Revolution in the contemporary world. ● Define deforestation. Explain the causes of deforestation in India under colonial rule. ● Determine the impact of colonialism on forest societies and implication of scientific forestry. ● Explain how commercial farming led to a decline in forest cover during the colonial period. ● Identify the social and cultural world of forest communities through the study of specific revolts. ● Explain the political tendencies of the Radicals, Liberals and Conservatives. Comprehend the different causes of the Russian Revolution. ● Enumerate the different events between the period of 1905 and 1917.	● Describe the objectives of NNP. ● Familiarize with the natural forces affecting the climate as a whole. ● Differentiate between climate and weather. ● Examine the impact of temperature and precipitation on the climate of a place. ● Evaluate the spread of monsoons over the Indian subcontinent from Kerala to Jammu and Kashmir. ● Explain the distribution of rainfall caused by the monsoons. ● Describe the role of monsoons as a unifying bond. <u>History-</u> ● Identify the social, political, economic and religious conditions of Europe in the Medieval period. ● Correlate the significance of the events that led to the beginning of the French Revolution. ● Interpret the role of the ancient regime and how it led to an era of Louis XVI. ● Analyse the factors that led to inequalities in European society. ● Appreciate the role of common people and revolutionary ideas of philosophers which inspired the people to fight for their rights. ● Imbibe the advantages of a democratic rule over the monarchical system. ● Analyse the role of women during the French Revolution. Describe the rise of Napoleon as an emperor. ● Identify the political and social events that contributed to the rise of
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	● Describe the impacts of the First World War on Russia. ● Explain the global influence of the Russian Revolution and the USSR. Critically examine Stalin's collectivisation programmes. <u>Civics-</u> ● Define Democracy. Learn the importance of democratic system. ● Explain the historical processes which describe the need for democracy. ● Learn the minimal features of democracy through case studies of Pakistan, China & Zimbabwe. ● Analyse why democracy is a better form of government. ● Differentiate between democratic and nondemocratic systems. ● Explain the meaning and importance of the Constitution. ● Learn the important terminology of the Constitution like Constituent Assembly, Preamble, Amendments, etc. ● Trace the history of the making of the Constitution. ● Compare the history of the Indian Constitution with South Africa. ● Explain the term institutional design. ● Analyse the values that shape the Constitutions in democratic states. ● Explain about representative democracy. ● Familiarize with our electoral system and reason for choosing this system ● Recognise the significance of the Election Commission and its functions. ● Appraise the role of citizens in electoral competition. ● Learn about the need for reserved constituencies. ● Know about the model code of conduct during the elections. ● Explain the meaning and need for Political Institutions. ● List the powers of government through a case study. ● Categorize the role of government through its various institutions like- Legislature, Executive and Judiciary. ● Describe the significance of the	Hitler. ● Familiarize yourself with the names of the people involved and the different types of ideas that inspired the revolution. ● Analyse the reasons for the establishment of the racial state. ● Explain the destruction of democracy in Germany. ● Analyse the speeches and writings of Nazi Leaders. ● Learn about the changes brought by the colonial rule that affected the life of forest dwellers. ● Comprehend the changes in forest societies under colonialism. ● Examine the similarities between the forest laws introduced by the colonial rulers in India and Java. ● Describe the main causes of the revolt of Bastar. ● Explain the provisions of the Forest Act passed by the Dutch. ● Familiarize with different types of ideas that inspired the Revolution. ● Describe the impact of socialism on Russia and on other countries. Clearly understand the legacy of the Revolution. ● Explain the main objectives of the Russian Revolutionaries. ● Discuss the civil war that took place in Russia after the October Revolution and its consequences. ● Examine the role of Lenin in the Russian Revolution. <u>Civics-</u> ● Know and understand the meaning of democracy. ● Realize the problems of a non-democratic system. Recognise why we need democracy in our country.
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	Parliament In a democracy. ● Identify the role of the Prime Minister and the President in the effective functioning of the country. ● Analyse the role of Judiciary in India's Parliamentary system. ● Learn the meaning of Rights. ● Recognise the importance of rights in their lives. State the need for rights in a democracy. ● Interpret the importance of Fundamental Rights enjoyed by the citizens of India. ● Recognise the way in which the Fundamental Rights are exercised and protected by the Constitution. ● Examine the importance of Judiciary in protecting Fundamental Rights. <u>Economics-</u> ● Familiarize the students with the economic structure of the village. Introduce Palampur village to understand types of production activities of the village (farming and non-farming activities.) ● Identify the land use pattern in the village. Recognise the different factors of production. ● Comprehend the meaning of the Green Revolution and its impacts on agriculture. ● Define Human Resources. ● Explain that the population of a nation need not be a liability. It can be turned into an asset by investments in human capital. ● Develop an understanding of the role of the people as a resource in an organization. ● Demonstrate the knowledge and skills needed to effectively manage people as resources. ● Analyse the significance of good infrastructure for the development of people as resources. ● Identify the major activities associated with human resources. Integrate teamwork, leadership and motivational skills needed for organizational scenarios and evaluate outcomes. ● Discuss about the types of unemployment found in India.	● Differentiate between democracy and dictatorship through case study of China, India, etc. ● Describe the main features of Democracy. ● Recognise that the most common form that democracy takes in our times is that of representative democracy. ● Learn about the Indian Constitution. ● Recognise the importance of rules and regulations. ● Realize the need and importance of a constitution. ● Appreciate the political setup of our country. ● Develop a sense of respect for the struggle of the people for independence and the problems they faced while drafting the Constitution. ● Familiarize yourself with the words like sovereign, republic socialist, secular, etc. ● Express the need for a written Constitution and development of the country. ● Learn how amendments can be made in the Constitution. ● Familiarize ourselves with our election system and the reason as to why we have chosen this system. ● Identify the need for elections. Enlist the steps involved in the election process. ● Develop an appreciation of citizen's increased participation in electoral politics. ● Mention the powers and functions of the Election Commission. ● Be sensitive to the existing malpractices in our election system. ● List out the Institutions which take major decisions
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	● Familiarize with the basic concepts like poverty, social exclusion, vulnerability, etc. ● Explain the historical reasons for poverty in India. ● Identify the indicators of poverty. State the meaning and criteria in estimating poverty line. ● Discuss the causes of poverty. Explain the measures taken by the government to reduce poverty. ● Explain the meaning and need for food security in India. ● Explain the major dimensions of food security. ● Identify the people more prone to food insecurity. ● Analyse the role of the Public Distribution System in ensuring food security in India. ● Distinguish between seasonal hunger and chronic hunger. ● Realize the role played by the Green Revolution in making India self-sufficient in food grains. ● Discuss the role of cooperatives in food security.	● in India. ● Define the terms like Office Memorandum, Parliament, Judiciary, etc. ● Distinguish between the Political executives and Permanent executives. State the powers of the Prime Minister and President of India. ● Explain the classification of the Council of Ministers. Describe how the judicial system is organized in India. ● Define the terms like rights, claim, Summon, writ, etc. ● Develop citizens' awareness of their rights. ● Critically think about the role of the Constitution in framing the laws. ● Clearly understand the way in which Fundamental Rights are exercised and denied in real life situation ● Describe the major Constitutional provisions for the protection of women and children in India. ● Explain how the scope of rights has expanded in recent times. ● Summarize the important characteristics of Rights. <u>Economics-</u> ● Appreciate the developments that have taken place in the village. Define the terms like production, human capital, yield, multiple cropping, etc. ● Analyse that the production of goods and services require factors of production. ● Appreciate the importance of mechanized means of farming in creating surplus produce. ● Correlate dairy farming, transport, small manufacturing units and
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		shop keeping to non-farming activities ● Know the meaning and importance of human resources. ● Classify the economic activities into primary, secondary and tertiary sectors. ● Distinguish between market and non-market activities. ● Describe the importance of education and health to prosper in life. ● Justify how unemployment leads to a depressed economy. ● Define the terms like poverty, vulnerability, social exclusion and poverty line. ● Compare the conditions of poverty in urban and rural areas. ● Describe poverty trends in India since 1993. ● Identify the social and economic groups which are most vulnerable to poverty in India. ● Describe the major reasons for less effectiveness of poverty alleviation programmes in India. ● Familiarize with the basic concepts like food security, famine, buffer stock, Fair price, minimum support price, etc. ● Analyse how food security is ensured in our country. ● Learn how food security is affected during a calamity. ● Examine the activities of ration shops. ● Mention the major features of the Public Distribution System in India.
INFORMATION TECHNOLOGY	• Demonstrate the knowledge of the importance of green skills iApply effective oral and written communication	● appreciate the applications of IT ● use of keyboard and mouse

	skills to interact with people and customers; • Identify the principal components of a computer system; Demonstrate the basic skills of using computer; • Demonstrate self-management skills; • Demonstrate the ability to provide a self-analysis in context of entrepreneurial skills and abilities; n meeting the challenges of sustainable development and environment protection; • Work safely on the computer. • Start the computer. • Open and use the related software. • Exit from the software. • Shut down the computer. • Use the computer for the data entry process. • Collect all necessary information about the query. • Log any decision about the query on the data entry tracking form. • Follow Rules and guidelines for data entry. • Handle queries. • Undertake data entry with speed and accuracy. • Identify and control hazards in the workplace that pose a danger or threat to their safety or	for data entry • use of typing Software • create a document using word processor • applying editing features • apply formatting features • create and work with tables • use of print options • understand and apply mail merge • create a spreadsheet • apply formula and functions in spreadsheet • format data in a spreadsheet • understand and apply references • create and insert chart in spreadsheet • understanding features of effective presentation • create a presentation • work with slides • format text and apply effects • create and use of tables • insert and format image in slide • work with slide master
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GRADE X		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	• Role play • Simulating real life situations • Dramatizing and miming. • Problem solving and decision making • Interpreting information given in tabular form and schedule • Using newspaper clippings as a resource for comprehending and analyzing issues.	• To build greater confidence and proficiency in oral and written communication • Communicating in various social settings • To equip learners with essential language skills to question and to articulate their point of view. • To make appropriate usage of English language

	● Borrowing situations and registers from the world around the learners, from books and from other disciplines ● Using language games, riddles, puzzles and jokes ● Interpreting pictures / sketches / cartoons ● Debating and discussing ● Narrating and discussing stories, anecdotes, etc. ● Reciting poems ● Working in pairs and groups ● Using media inputs - computer, television, video cassettes, tapes, software packages	● To enable the learner to access knowledge and information through reference skills(consulting a dictionary / thesaurus, library, internet, etc.) ● To develop curiosity and creativity through extensive reading • facilitate self-learning to enable them to become independent learners ● To participate in conversations, discussions, etc., on topics of mutual interest in non-classroom situations ● To develop the ability and knowledge required in order to engage in independent reflection and inquiry ● To review, organize and edit their own work and work done by peers ● To integrate listening and speaking skills in the curriculum ● To give a brief oral description of events / incidents of topical interest ● To develop appreciation for Indian languages(multilingualism), translations and Indian ● To respond, in writing, to business letters, official communications email etc. ● To write without prior preparation on a given topic and be able to defend or explain the stand taken / views expressed in the form of article, speech, or a debate. ● To transcode information from a graph / chart to a description / report and write a dialogue,short story or report
HINDI	● Listening to poetry/news talks prose text of Hindi literature. ● Participate in class assembly, school assembly, interschool and intra school competitions. ● Introduction of the characters of the	● Listening,speaking,reading, writing and thinking in a manner. ● Present their thoughts on general topics and speak in a confident manner.

	stories written by various authors. ● Participate in group discussion, declamation and debates. ● New word formation by using grammar rules. ● Newspaper reading and learning the vocabulary to the text and correlate to the chapter. ● Know the features of various types of writing-letter, paragraph, Suchana lekhan, svavrit lekhan, Aupcharik email writing. ● Create their own skits, poems, dialogues, and stories. ● using grammar through a variety of situations. (Vachy, Pad-parichay, Rachana ke aadhar par vakya bhed, Alnkar.) ● create a skill to take interviews and diary writing. ● Small group activities-poem recitation, Loud reading sessions, dictation and listening.	● Relate it with real life situations and also will be able to respond to various situations. ● write independently the various forms of written text . ● Use the dictionary to refer to the new words. ● Express the views with correct tone and voice modulation. ● Writes descriptions/narratives showing sensitivity to gender, environment and appreciation of cultural diversity. ● Write and explore his ideas in the written form using correct grammar and vocabulary. ● Correct methodology Spell and write the words using their phonetic knowledge. ● Read the text and recite poem with correct pronunciation, intonation and pause, expressions and actions/gestures/body language.
MATHEMATICS	LAB ACTIVITIES / ART INTEGRATED ACTIVITIES: ● To obtain the HCF of two numbers experimentally using the Euclid's Division Lemma. ● To draw a graph of a quadratic polynomial equation and examine that: -The shape of the curve when the coefficient of X^2 is negative- The shape of the curve when the coefficient of X^2 is positive - Number of zeroes. ● Through the graphical method checking the condition of consistency or inconsistency in a pair of linear equations having two variables. ● By completing the square geometrically, calculating the solution of a general quadratic equation.	Students will be able to: ● Generalises properties of numbers and relations amongst them. ● Evolves results- Euclid's division algorithm and fundamental theorem of arithmetic and applies them to solve problems in real life context. ● Prove $\sqrt{2}$, $\sqrt{3}$ as irrational numbers. ● Recall the general form of linear and quadratic polynomials and find zeros of polynomials by graph where it intersects the X-axis. ● Creates relationship between zeros and coefficients of quadratic

	- From a given list of numbers or patterns, identifying the Arithmetic Progression. - Calculate the sum of first n natural numbers. - To obtain the sum of first n odd natural numbers. - Find out the sum of first n even natural numbers. - For an arithmetic progression having n terms, establishing a formula for calculating its sum. - Verification of the distance formula by the graphical representation method. - by the graphical method for finding the area of a triangle and verifying its formula. - to examine the criteria of similarity between two triangles. - Using two intersecting strips with nails drawing a system of similar squares. - To verify the Thales theorem, that is, the basic proportionality theorem. - Finding the actual relationship between sides and areas of similar triangles. - To determine that the ratio of the square of the corresponding side of two similar triangles is equal to the ratio of areas of those two triangles. - To draft a quadrilateral equivalent to a given quadrilateral according to the given scale. - Stating and verifying Pythagoras theorem. - To experimentally state that any tangent at a particular point to the circle is always perpendicular to the radius through that point. - By selecting a point, finding the total number of tangents possible to a circle. - From the same external point, the length of tangents to a circle are always equal. - To calculate the experimental probability of throwing a die, that is, 1, 2, 3, 4, 5 or 6 500 times and comparing it with the theoretical probabilities given.	polynomials. - Calculate zeros of quadratic polynomials using factorisation of algebraic identities. - Recalls and defines the general form of linear equations in two variables. - Draw graphs of linear equations in two variables to solve word problems. - Understands to solve a pair of equations by the methods of substitution and elimination. - Verifies the types of solutions of equations by using three conditions. - Solve word problems of daily life situations. - Find roots of quadratic equations using factorisation method or using Quadratic formula. - Calculates discriminant to find the nature of roots. - Recognises the pattern in a given series. - Understands the term common difference and its importance in A.P. - Applies the formula to calculate nth term and sum of nth terms in an A.P. - Develops strategies to apply A.P. in daily life situations. - Identifies the difference between similarity and congruence. - Defines similarity of two triangles and understands similarity rules like AAA, SSS, SAS. - Proves Basic Proportionality theorem and its converse. - Derive distance and section formula and applies them to calculate: - Distance between two points in a plane. - The coordinates of a point which divides
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	● By tossing a coin 1000 times, calculating the experimental property of heads or tails and further comparing it with theoretical problems. WORKSHEET: ● MCQ based. ● HOTS question based. ● Based on simple concepts.	the join of a line segment in a ratio. ● Determines all 6 trigonometric ratios with respect to acute angle of a right triangle. ● Compute the trigonometric ratios of standard angles. ● Proves trigonometric identities using three fundamental identities. ● Recalls 6 trigonometric ratios. ● Visualises eye movement while visualizing the object. ● Acquired knowledge of line of sight, horizontal line which makes angle of elevation and angle of depression. ● Draw figures of problems by making use of angle of elevation and angle of depression and apply trigonometric ratios to reach the solutions. ● Applies the concept of trigonometry in solving problems of daily life context. ● Proves that tangent and radius are perpendicular to each other. ● Proves that 2 tangents drawn from an external point of a circle are equal. ● Recalls the concept of circumference and area of a circle and solves problems of daily life situations. ● Explain the following terms: ● Major segment ● Minor segment ● Major sector ● Minor sector ● Applies the formula of area of sector, segment and length of an arc of a circle to solve problems. ● Calculates surface area and volume of combined shapes by using formula and general understanding. ● Transform a solid shape into
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		another solid and compare and analyze their surface area and volume. ● Recalls the basic terms of statistics. ● Calculates mean of grouped data using the following methods: ● Direct mean ● Assumed mean ● Step deviation method ● Applies formula of mode and median and solve problems of daily life situations. ● Define the following terms: ● Outcome ● Event ● Sure event ● Impossible event ● Complementary event ● Applies the concept of probability to solve problems of daily life situations.
SCIENCE	Students will be given opportunity to learn in groups or individually by means of: ● Brainstorming on Activities given in science textbook ● Hands-on experience in a science laboratory. ● Art integrated Activity based on balancing of chemical reactions. ● Flow chart on types of reactions. ● Identifying acids and bases using litmus paper. Performing experiments to understand chemical properties of metals and non- metals. ● Observing samples of metals and nonmetals to study their Physical properties. ● Understanding the covalent bond by help of a three-dimensional model. ● Understanding differences between soap and detergents by their action in soft and hard water. ● Group discussion to study reflex	Using the Pedagogical solutions, the students are able to: ● Write and balance a chemical equation. ● Identify types of chemical reactions. ● Differentiate between Physical and Chemical properties of acid, base and salt. ● Explain formation, use and properties of commonly used salts. ● Explain Physical and Chemical properties of metals and nonmetals. ● Explain the steps involved in metallurgical processes. ● Write formulas and draw structures of carbon compounds. ● Explain chemical properties of carbon compounds. ● Explain the importance and working of basic life

	actions and role of hormones in humans. (Changes during puberty, emergency hormone, diabetic condition) ● Observing the role of auxin by visiting the school garden. (Why do plants bend towards sunlight?) ● Subject Enrichment Activity on blood groups to study inheritance of traits. ● Studying lenses and mirrors in a science laboratory to find their focal length. ● Tracing light ray through glass slab and prism to understand refraction and dispersion of light. ● Surveying the power of lenses used by people to calculate focal length of the lenses used and finding out the type of refractive defect in them. ● Experimentally verifying ohm's law. ● Subject Enrichment Activity to study electricity bill and calculate electrical energy consumed in a month. ● Analyzing an electromagnetic to understand the factors affecting its magnetic field strength. ● Applying Right hand thumb rule and Fleming 's left hand rule for different situations. ● Group discussion on issues such as ozone depletion and waste management. ● Symposium on Immunology.	processes in living organisms. ● Understand the need of chemical coordination in living organisms. ● Explain the role of plant and animal hormones. ● Explain the asexual and sexual modes of reproduction. ● Explain laws for inheritance of traits by help of punnett square. ● Draw ray diagrams for reflection and refraction of light. ● Solve numerical based on reflection, refraction, refractive index, magnification and power of lens. ● Explain types of refractive defects in the human eye with their causes and correction. ● Draw schematic diagram for given electrical circuit. ● Recall formulae of electricity to solve numerical problems based on Ohm's law, resistivity, power and Joules law of heating. ● Draw magnetic field lines for different current carrying conductors. ● Differentiate between alternating current and direct current. ● Explain characteristics of trophic levels. ● Explain biological magnification, its causes and its consequences.
SOCIAL SCIENCE	<u>Geography-</u> ● Definition of 'resource 'and 'development. ● Differentiate between various types of resources. ● Differentiate the categories of land use in India. ● Analyse the role of humans as an important component to promote	<u>Geography-</u> ● Explain the need for their judicious utilization ● Meaning of Resource planning and why it is done in countries like India. ● Importance of resource planning and how it is done. ● Factors responsible for land

	sustainable development. ● Know the problems of land degradation and find out the solution for it. ● know the formation of soil and its classification. ● Understand the causes of soil Erosion and its solution. ● Describe the biodiversity of India. * Classification of animal species based on IUCN. ● Flora and Fauna of India. ● Factors affecting the distribution of flora and fauna in India. ● Causes for the depletion of flora and fauna. ● Demerits of developmental processes. ● Classification of forests into Reserved, Protected and Unclassed forests. ● Learn about hydrological cycle ● Know and understand about the causes of water scarcity (Large population, pollution, urbanization). ● Know how to conserve and manage water by multipurpose river projects. * Point out the objectives of multipurpose projects. ● Recognize the importance and know about rainwater harvesting. ● Explain the importance of agriculture in the national economy. ● Identify various types of farming and discuss the various farming methods. ● Explain various government policies for institutional as well as technological. ● reforms since independence. ● Name the important beverage crops grown in India. ● Describe the impact of globalization on Indian agriculture. ● Analyse the significance of minerals. ● Differentiate between the various types of minerals ● Understand the uneven nature of distribution of minerals in India. ● Differentiate various types of conventional and non- conventional energy resources ● Appreciate their proper utilization.	degradation and conservation measures. ● To develop awareness towards judicious use of resources and their conservation. ● Analyze the reasons for the depletion of resources and suggest measures for conservation. ● Realize the impact of forest degradation and the need for forest conservation as well as develop concepts towards depletion of resources. ● Analyses and evaluates information, for example, indigenous or modern methods of conservation of water ● Appreciate water conservation strategies adopted by local people to solve water crisis in their area ● Explains cause and effect relationship between phenomena, events, and their occurrence, for example, analyses the impact of overuse of natural resources, such as, ground water. ● Know the importance of agriculture in the Indian Economy ● Analyse different climatic conditions required for different types of crops. ● Understand about technology and institutional reforms for the benefits of Indian farmers. ● Know contribution of agriculture to the national economy, employment and output ● List the agricultural reforms undertaken by the government of India ● Know uneven distribution of minerals ● List benefits of minerals for human life.
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	● Visualize the need for the development of new sources of energy (non-conventional energy resources.) ● Define the term manufacturing ● Analyse the significance of manufacturing ● Differentiate between the various types of industries ● Understand the factors determining industrial locations in India ● Appreciate the role of industries in the economy of the country ● Examine the factors affecting the spatial distribution of mineral based and agro based industries ● Find out the ways to combat the problem of industrial pollution and environmental degradation. ● Explain the importance of transport and communication in the growth of the national economy. ● Establish the connection between transport, communication and trade. ● List the advantages of roadways over railways. ● Classify the types of roads in India. ● Identify the distribution pattern of railway networks around India. ● Appreciate the setting of the pipeline network in India. * ● Construct limitations of waterways in India. ● Categorize the seaports on the basis of their utility. ● Estimate the importance of communication and trade in the contemporary world. ● Identify the growth of tourism as a trade in India. <u>History-</u> ● Promote an active and participatory citizenship Understand the causes of the Industrial Revolution. ● Promote an active and participatory citizenship Identify the reasons why Britain was the first country to start the Industrial Revolution ● Promote an active and participatory citizenship Make inferences from sources for constructing personal viewpoints. ● Promote an active and participatory citizenship Understand the effects	● Discuss various types of minerals as well as the uneven nature of distribution and explain the need for their judicious utilization ● Minerals are an indispensable part of our life. ● Discuss various types of conventional resources and utilization with 95% accuracy. ● Awareness towards use of nonconventional sources of energy instead of conventional sources of energy. ● Acknowledge and develop critical thinking for the need of the judicious utilization of goods ● Understand the spatial distribution of various industries. ● Responsibly participate in mapwork and map interpretation for industrial centres. Sensitize towards prevention of environmental degradation. ● Be motivated to adopt environment friendly ways in life. ● Understand the phrase “sustainable development requires integration of economic development with environmental concerns”. ● Elaborate the need for a set network of transport and communication. ● Analyse their role in integrating the national and global economy. ● Construct ideas about interconnection of transport, communication and trade. <u>History -</u> ● Understand the major achievements made during the Industrial Revolution. ● Identify the changes in life brought by the Industrial
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	of the Industrial Revolution. ● Identify the changes in life brought by the Industrial Revolution. ● Make an imaginative reconstruction of life in the past. ● Understand the different interpretations of the impact of the Industrial Revolution. ● Develop an empathy of the suffering of the workers during the Industrial Revolution ● Understand the causes for the decline of feudalism. ● Know about the period of renaissance in Europe ● Illustrate the causes of the French revolution and its outcome. ● Know the impact the French revolution had on other European nations. Define liberalism and nationalism. ● Learn about the unification of Germany and Italy. ● List of the events that happened in Europe between 1830 and 1848. ● Know the events which took place between 1920- 1930. ● Know Khilafat movement with non-cooperation. ● Explain the conditions which created the ground for the Civil Disobedience Movement. ● State the limitations of the Civil Disobedience Movement. ● Explain the importance of the power of peace in place of violence. ● Know the first kind of print technology developed in China, Japan, Korea. ● Understand how print technology spread from Europe to china. ● Understand the process of print revolution through printing technology. ● Understand the impact of print revolution on the contemporary society ● State the first kind of Print Technology developed in China, Japan and Korea. ● Explain how print technology spread in Europe. ● Describe the print revolution and its impact.	Revolution. ● Make an imaginative reconstruction of life in the past. ● Enhance the skills of making comparisons. ● Develop an appreciation of the talent and entrepreneurship of men in the past and their contribution to the modern world. ● Recognizes the role of the French revolution in spreading ideas of liberty and equality in Europe. ● Analyse how the idea of nationalism and its various forms emerged in Europe. ● Observes maps of Europe after 1815 and draws comparisons after creation of nation states. ● Explains how female allegories came to represent the nation/region/ event. ● Critically analyse the 1848 revolution of liberals. ● Understand the facts on the development of European countries in the 19th century. ● Examine the nationalist tensions emerging in the Balkans and impact on European countries. ● Learn about nationalist movements that spread in Europe and impacted India. ● Critically analyse the 1848 revolution of liberals. * Understand the facts on the development of European countries in the 19th century. ● Examine the nationalist tensions emerging in the Balkans and impact on European countries. ● Learn about nationalist movement that spread in Europe impact in India individuals, notably by Mahatma Gandhi
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	- Analyse the leaps in mass literacy in Europe. - List the religious reforms and public debates which took place as a result of the development in print media. - Identify the new forms of publication. <u>Civics-</u> - Define the term Power Sharing. - Know about ethnic composition of Belgium and Sri Lanka. - Explain the political systems of Belgium and Sri Lanka and the rule of majority and minority. - State the reasons for the civil war. - The nature of federalism and its various aspects. - Learn the structure of state and local government compared to the central government - Know about the historical progression of federalism in India. - Explain the process to follow federalism. - Understand the concept of diversity in democracy. - Explain the different forms of social differences. - Identifies the outcomes of social divisions. - Learn about gender discrimination - Teach about women's role in politics - Know the extent of women's representation in politics - Define the term Secular State - Learn about the role- Caste division plays in politics. - Understand the vital role of people's struggle in the expansion of democracy. - Define political parties and their role in shaping democracy. - Examine the importance of political parties in India. - Analyse party systems in democracies. - Compare the working of national & regional political parties. - Comprehend various types of party system in India. - Assess the role and contribution of	- Appreciate the ideas promoting Pan Indian belongingness. - Know the first kind of print technology developed in China, Japan and Korea. - Understand how print technology spread from Europe to china. * Describe the process of print revolution through printing technology. - Explain the impact of print revolution on the contemporary society - Establish link between print culture and circulation of ideas - Analyse the role of the print revolution and its impact on Europe and India. - Critically examine the role of print revolution in French revolution - Apprehend the reasons for the fear of print among the authorities - Appraise the leap of mass literacy rate in Europe. <u>Civics-</u> - Explains sharing of power among the Legislature, the Executive and the Judiciary. - Explains-the concept of democracy. - Compare the power sharing at various levels in India with other countries - List the ways of power sharing in Belgium and Sri Lanka and its consequences. - Identifies Federal Political Systems of the World. - Compares and Contrasts between Federal and Unitary Form of Government. - Explain the important features of the federal system adopted in India. - Explains the manner in which democracy in India responds to social differences, divisions and
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	political parties. Introduction to major political parties, challenges faced by them and reforms in the country. - Analyse democratic government as accountable, responsive, legitimate, promote equality, improve decision making. - Discuss the importance of democracy and its various outcomes - Understand the causes for continuation of democracy in India. - Distinguish between sources of strengths and weaknesses of Indian democracy. - Reflect on the different kinds of measures possible to deepen democracy. <u>Economics-</u> - Explain the basic concepts like Per Capita Income, Development, Literacy Rate, Net Attendance Ratio. - Classification of different indicators of development. - State merits and demerits of per capita income as a development indicator. - Learn and understand the concept of developmental goals and how it differs from person to person. - Concept of BMI - Explain the influence of public facilities on the development of a country. - Appreciate the need for sustainable development. - Know about the economic activity which are classified into groups. These groups are called sectors of the Indian economy. - Classify on the basis of nature of activity- Primary, Secondary and Tertiary. - Explain the processes to calculate the GDP of the country. - Learn about the classification of employment-Organized and Unorganized. - Learn about different types of unemployment seasonal, disguised, structural, cyclical, and frictional. - Know that all the three sectors	inequalities - Demonstrates an understanding of the richness of our diversity. - Recall their understanding about the subject matter. - Know the differences in sex, caste and religion. - Understand the sensitivity to the social and religious differences that exist in countries. - Develop respect for the rights of all social divisions that exist in society. - Assess three kinds of social differences. - Describe salient features of secular state. - Correlate democracy with popular struggles. - Understand the influence of pressure groups in politics. - Describes different political parties in India and their role/ - Explains the role of the election commission. - Develops materials showing different parties in India. - Evaluate the merits and demerits of each type of party system. - Understand the national and regional political parties in India. - Realize the importance of citizen's participation in decision making. - Compare democratic governments with that of dictatorship in all respects including economic growth and development. - Expect democracy to be accountable, responsive and legitimate. - Analyse the role of democracy in the economic growth and development - Understanding democracy promotes dignity and freedom of an individual. - Develop academic skills,
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	primary, secondary and tertiary are interdependent on each other. ● Identify the importance of money as a medium of exchange. ● Recognize modern money. ● Analyse the terms of credit. ● Explain money and the factors that determine its value. ● Compare and contrast currency values in different economies. ● Relate the value of money to personal consumption. ● Define the term globalization, Liberalization. ● Explain the working of the Global Economic phenomenon. ● Understand how MNCs set up bases across the world. ● Analyse market economy before and after globalization. ● Understand the merits and demerits of globalization. ● Gets familiarized with the rights and duties as a consumer; and legal measures available to protect from being exploited in markets. ● Differentiate between consumer protection council and consumer courts. ● Illustrate the reasons why rules are required in the marketplace.	understand the challenges facing democracy. ● Understand and conceptualize the lesson in a much more effective way. <u>Economics-</u> ● Appreciate the different perspectives on development. ● Understand the different indicators of development. ● Correlate Quality of life to HDI. Identify the significance of Sustainable development ● Examine that different people have different developmental goals. ● Understand the various indicators used to compare HDI of different countries/states. ● Appreciates the significance of the services sector in the Indian economy in the context of its contribution to GDP and employment. ● Distinguishing between the organized, unorganized sectors and private and public sectors give specific examples of how services fit into each of these sectors. ● Reason out the government investment in different sectors of economy. ● Learn about division of economic activities into three different sectors. Collaboratively realize the idea of raising the tertiary sector to solve various economic problems like unemployment and poverty. ● Appreciate the concept of organized and unorganized sectors of economy. ● Understand Problems related to the barter system and solutions to it. ● Think about usage and applicability of various modern forms of currency
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		used in the Indian Banking system. • Differentiate between formal and informal sources of credit. • Discuss hurdles in types of loan taken in different situations. • Analyse which loan is a positive loan. • Critically evaluate debt trap situations which are possible in our economy. • Understand cheap and affordable solution to credit availability, i.e., Cooperatives and Self-Help Groups. • Appreciate the merits and reasons for setting up of MNC's in India. • Understand the difference between foreign trade and foreign investment. • Correlate liberalization with easy availability of foreign goods • Comparing the merits and demerits of globalization in India. • Making the students aware of her rights and duties as a consumer. • Familiarizing the legal measures available to protect from being exploited in the market and knowledge about the present COPRA and three tier consumer judicial system. • Making the students aware of her rights and duties as a consumer by some cases of real-life situations where consumers are exploited. • Familiarize with standardization marks for various goods for assuring quality of goods in the country.
INFORMATION TECHNOLOGY	• Demonstrate the knowledge of the importance of green skills iApply effective oral and written	• Create and Apply Styles in the document • Insert and use images in

	communication skills to interact with people and customers; • Identify the principal components of a computer system; Demonstrate the basic skills of using computer; • Demonstrate self-management skills; • Demonstrate the ability to provide a self-analysis in context of entrepreneurial skills and abilities; n meeting the challenges of sustainable development and environment protection; • Work safely on the computer. • Start the computer. • Open and use the related software. • Exit from the software. • Shut down the computer. • Use the computer for the data entry process. • Collect all necessary information about the query. • Log any decision about the query on the data entry tracking form. • Follow Rules and guidelines for data entry. • Handle queries. • Undertake data entry with speed and accuracy. • Identify and control hazards in the workplace that pose a danger or threat to their safety or	documents ●.Create and use templates ● Create and customize table of contents ●Implement Mail Merge ● Analyse data using scenarios and goal seek ● Link data and spreadsheets ●Share and review a spreadsheet ●Create and Use Macros in spreadsheet ●Appreciate the concept of Database Management System ●Create and edit tables using wizard and SQL command ●Perform operations on table ●Retrieve data using query ●Create Forms and Reports using wizard ●Working with Accessibility Options ●. Maintain workplace safety ●Prevent Accidents and Emergencies ● Protect Health and Safety at work
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GRADE XI-COMMERCE		
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	Listening Skills: Use audio clips, live presentations, and dictation exercises. Tools: Podcasts, recorded lectures, YouTube. Speaking Skills: Conduct group discussions, role-plays, and short oral presentations. Tools: Rubrics, apps like Flipgrid.	The Learner will be able to: ● Listen and comprehend live as well as recorded oral presentations on a variety of topics. ● Develop greater confidence and proficiency in the use of language skills necessary for social and academic purpose to participate in group discussions and interviews, by making short oral presentations on given topics. ● perceive the overall meaning and organisation of the text (i.e.,

	Text Analysis: Practice skimming, scanning, and using graphic organizers. Tools: Annotated texts, Mind Meister. Advanced Language Skills: Use reasoning tasks, predictions, and problem-solving activities. Tools: Puzzles, critical thinking worksheets. Translation: Practice translating between English and the mother tongue. Tools: Bilingual dictionaries, Google Translate. Reflection and Inquiry: Assign research projects and reflective journaling. Tools: Online libraries, journaling apps like Notion. Reading Comprehension: Assign texts across genres and discuss themes and ideas. Tools: Kindle, Project Gutenberg. Text-Based Writing: Write summaries, analyses, and notes from texts or talks. Tools: Writing prompts, Grammarly. Essay Writing: Practice expository and argumentative writing, letters, and applications. Tools: Templates, Hemingway Editor. Vocabulary Development: Teach contextual clues and use word games. Tools: Quizlet, WordUp. Presentation Skills: Guide on compiling and organizing information for presentations. Tools: PowerPoint, Canva. Paragraph Writing: Focus on paragraph structure and coherence. Tools: Draft reviews, online tutorials. Grammar: Conduct grammar exercises and peer reviews. Tools: Grammarly, ProWritingAid. Workplace Writing: Practice workplace documents, CVs, and forms. Tools: Templates, online career resources. This plan emphasizes interactive, tech-supported, and learner-centered methods to achieve the desired outcomes efficiently.	correlation of the vital portions of the text). ● Identify the central/main point and supporting details, etc., to build communicative competence in various lexicons of English. ● promote advanced language skills with an aim to develop the skills of reasoning, drawing inferences, etc. through meaningful activities ● translate texts from mother tongue(s) into English and vice versa. ● Develop ability and acquire knowledge required in order to engage in independent reflection and enquiry. ● Read and comprehend extended texts (prescribed and non-prescribed) in the following genres: science fiction, drama, poetry, biography, autobiography, travel and sports literature, etc. ● Text-based writing (i.e., writing in response to questions or tasks based on prescribed or unseen texts), understanding and responding to lectures, speeches, etc. ● Write expository / argumentative essays, explaining or developing a topic, arguing a case, etc, write formal/informal letters and applications for different purposes. ● Make use of contextual clues to infer meanings of unfamiliar vocabulary. ● Select, compile and collate information for an oral presentation. ● Produce unified paragraphs with adequate details and support. ● Use grammatical structures accurately and appropriately. ● Write items related to the workplace (minutes, memoranda, notices, summaries, reports etc. ● filling up forms, preparing CV, e-mail messages., making notes from reference materials, recorded talks etc.
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ACCOUNTANCY	● Conceptual Clarity: Use Real-Life Examples: Connect accounting principles with real-world scenarios like household budgeting or small business transactions. Simplify Jargon: Break down technical terms like "depreciation" or "provisions" into simpler language. ● Interactive Teaching Methods Case Studies: Discuss real-life financial issues or scenarios where students apply accounting concepts. Role Play: Simulate roles such as accountants, auditors, or financial advisors in class activities. ● Practical Applications Worksheets and Problem-Solving: Provide transaction-based questions and encourage preparation of journals, ledgers, and trial balances. Technology Integration: Introduce accounting software like Tally or spreadsheets to solve problems practically. ● Visual Aids and Models Flowcharts and Tables: Use these for explaining concepts like the accounting cycle or types of accounts. Videos: Share tutorials or animations explaining topics like the Bank Reconciliation Statement or the process of preparing financial statements. ● Active Learning Peer Teaching: Students can explain topics to each other to reinforce their understanding. Group Projects: Assign projects on preparing financial statements or analysing case studies. ● Regular Assessments Quizzes: Conduct regular short quizzes on basic principles and conventions. Mock Tests: Help students practice for board exams by solving past papers and mock tests. ● Incorporate GST and Current Topics Projects on GST: Assign tasks related to calculating GST or preparing GST invoices, which is part of their syllabus. Contemporary Issues: Discuss topics like changes in accounting standards or the role of accounting in business ethics. ● Collaborative Learning Debates: Discuss ethical issues in accounting or the importance of maintaining accurate financial records. Workshops: Conduct hands-on sessions for	● Students will understand and apply the basic accounting principles (such as Going Concern, Consistency, and Prudence). ● They will explain the significance of concepts and conventions in maintaining consistency and accuracy in financial records. ● Students will prepare and record financial transactions in the journal and subsidiary books accurately. ● They will post transactions into the ledger accounts and balance them systematically. ● Students will construct a trial balance and rectify any discrepancies. ● Students will prepare Trading and Profit & Loss Accounts and a Balance Sheet for sole proprietors. ● They will understand the structure and interpretation of financial statements. ● Students will reconcile the differences between the cash book and the bank statement using a BRS. ● Students will calculate depreciation using different methods such as Straight-Line Method (SLM) and Diminishing Balance Method (DBM). ● They will journalize depreciation-related transactions and understand its impact on asset valuation. ● Students will understand the concept of bills of exchange, including terms like drawer, drawee, and payee. ● They will record
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	preparing final accounts or rectifying errors. ● Focus on Theory and Application Balance Theory Reinforcement: Use mnemonic devices to remember principles and conventions. Practical Balance: Daily practice of journal entries, ledger postings, and trial balance preparation. ● Feedback Mechanism Self-Evaluation: Encourage students to review their work and identify errors. Teacher Feedback: Provide constructive feedback after assignments and tests.	transactions for the acceptance, dishonour, endorsement, and renewal of bills. ● Students will differentiate between accounts for profit-oriented entities and non-profit organizations (NPOs). ● They will prepare a Receipts and Payments Account, Income and Expenditure Account, and a Balance Sheet for NPOs ● Students will identify, classify, and rectify errors in accounting records using journal entries. ● They will analyze how errors affect the trial balance and financial statements. ● Students will understand the concept of Goods and Services Tax (GST) and its application in accounting. ● They will calculate GST on transactions and prepare invoices adhering to the format. ● Students will analyse financial data to assess the financial health of an organization. ● They will develop problem-solving skills by interpreting accounting records and making decisions based on financial statements. ● Students will appreciate the importance of ethical accounting practices in ensuring transparency and trust. ● They will identify scenarios where ethical decision-making is crucial in financial reporting ● Students will develop skills for entry-level roles in accounting, such as
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		bookkeeping or financial data management. ● They will gain familiarity with the use of accounting software and spreadsheets.
BUSINESS STUDIES	● Case Studies: Present real-life business scenarios related to topics like forms of business organizations, sources of business finance, or emerging modes of business. Let students analyse and present their solutions. ● Role Plays: Assign roles like entrepreneurs, managers, or stakeholders for topics like the concept of business, trade, or commerce. ● Group Discussions: Organize group discussions on ethical practices, social responsibilities of business, or global trade practices. ● Assign projects where students research local businesses, prepare a report on their functioning, and relate it to syllabus topics like internal trade or forms of business. ● Encourage students to create a business plan, simulating the setup of a small enterprise. ● Use charts and diagrams to explain concepts like organizational structure or business environment. ● Show videos or documentaries on successful business strategies or case studies. ● Simulation Games: Organize mock trade or business fairs where students act as buyers, sellers, or intermediaries. ● Budget Preparation: Let students create a budget for a mock business or analyze an organization's financial statements.	● Students will develop analytical skills to assess real-life business scenarios and propose practical solutions. ● They will understand the applicability of theoretical concepts in real-world situations. ● Students will enhance communication and teamwork skills by acting out roles of entrepreneurs or managers. ● They will gain a deeper understanding of business dynamics and decision-making processes. ● Students will critically evaluate business ethics and practices. ● They will improve their ability to express opinions and listen to diverse perspectives. ● Students will develop research and documentation skills by analysing local businesses. ● They will understand the structural and functional aspects of real-world businesses. ● Through business plan creation, students will foster creativity, innovation, and entrepreneurial thinking ● Students will gain better conceptual clarity of complex topics like organizational structures and the business environment. ● Watching videos and

	● Link business studies concepts to economics (e.g., demand and supply in relation to business operations). ● Include history and civics for topics like the evolution of trade or government policies affecting businesses. ● Provide scenarios involving business dilemmas and ask students to apply theoretical concepts to solve them. ● Encourage brainstorming sessions on innovative business solutions or emerging business trends. ● Include peer and self-assessment to help students reflect on their learning.	documentaries will enhance their understanding of global business trends. ● Students will acquire practical skills in preparing budgets and financial planning. ● They will understand the importance of cost management in business operations. ● Students will connect concepts from economics, history, and civics to business studies, fostering interdisciplinary learning. ● They will understand the broader societal and historical context of business practices. ● Students will enhance their problem-solving abilities by analysing business dilemmas and proposing strategic solutions. ● They will develop critical thinking skills by brainstorming innovative ideas and evaluating emerging business trends. ● Peer and self-assessments will help them reflect on their learning progress and identify areas for improvement.
ECONOMICS	● Case Studies: Present students with real-world economic issues such as inflation, unemployment, or fiscal deficits. Ask them to analyse the causes and suggest solutions based on their knowledge of microeconomics and macroeconomics ● Economic Debates: Organize debates on topics like "Should governments regulate markets?" or "Is globalization good for developing economies?" ● Role-Playing: Assign roles (e.g., policymaker,	● Students will develop the ability to analyse real-world economic problems and suggest evidence-based solutions. ● They will enhance critical thinking skills by engaging in debates on economic topics. ● Students will understand the perspectives of different stakeholders (e.g., producers, consumers, policymakers) through role-playing activities. ● Students will gain hands-

	economist, consumer, or producer) and ask students to debate decisions, such as implementing minimum wage laws or taxation policies. ● Data Analysis Projects: Provide students with data on GDP, inflation, or trade balances and guide them to create graphs, analyse trends, and draw conclusions. ● Market Survey: Ask students to conduct surveys about consumer behaviour, demand patterns, or price elasticity for a specific product or service. ● Business Simulations: Simulate a small marketplace where students can act as producers and consumers to understand demand-supply dynamics. ● Policy Evaluation: Present an economic policy (e.g., GST, subsidies) and ask students to evaluate its pros and cons based on the concepts they've learned. ● Budget Allocation Exercise: Divide the class into groups and ask them to prepare a national budget allocation for sectors like health, education, and defence, keeping fiscal constraints in mind. ● Case-Based Questions: Use case studies or scenarios in the format of CBSE examination questions to familiarize students with application-based problems. ● Simulation Apps: Use economic simulation software or online tools like Edmodo or Padlet for interactive activities. ● Video-Based Learning: Show videos from trusted educational platforms that simplify complex topics like monetary policy or national income accounting. ● Linking Economics with Business	on experience in analysing economic data and interpreting trends. ● They will develop practical knowledge about demand-supply dynamics through market surveys and simulations. ● Students will understand the application of theoretical concepts in real-life economic situations. ● Students will improve their ability to evaluate the impact of economic policies and propose improvements. ● They will demonstrate problem-solving skills by creating solutions to economic challenges such as resource allocation and fiscal management. ● Students will develop digital literacy by using simulation apps, data analysis tools, and interactive platforms. ● They will improve retention of concepts through visual aids such as videos and infographics ● Students will recognize the interconnections between Economics, Business Studies, and Accountancy. ● They will understand how economic decisions impact businesses and financial systems. ● Students will overcome individual learning gaps through targeted support and resources. ● They will take ownership of their learning by engaging in self-paced modules. ● Students will build confidence as their specific doubts and weaknesses are addressed.
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	Studies: Discuss how economic concepts like inflation, interest rates, and GDP impact business decisions. ● Integration with Accountancy: Show how economic policies affect financial statements and accounting processes (e.g., taxes or subsidies).	
HINDI	● Listening to poetry/news talks prose text of Hindi literature. ● Participate in class assembly, school assembly, interschool and intra school competitions. ● Introduction of the characters of the stories written by various authors. ● Participate in group discussion, declamation and debates. ● New word formation by using grammar rules. ● Newspaper reading and learning the vocabulary to the text and correlate to the chapter. ● Know the features of various types of writing-letter, paragraph, Suchana lekhan, svavrit lekhan, Aupcharik email writing. ● Create their own skits, poems, dialogues, and stories. ● using grammar through a variety of situations. (Janasanchaar maadhyam aur lekh 1. janasanchaar maadhyam 2. patraakaarita ke vividh aayaam ● Rachanaadharma lekh 1. Daayaree ke kala katha lipi 2. Vyavahaarik lekhan ● Kaaryaalayee lekhan evan prakriya Svovrttaalekh aur Rojagaaraparak anuprayog patr ● Shabdakosh, Sandarbh granthon kee upayogee vidhi aur parichay. ● create a skill to take interviews and diary writing. ● Small group activities-poem recitation, Loud reading sessions, dictation and listening. ● Expression Series	● Listening, speaking, reading, writing and thinking in a manner. ● Present their thoughts on general topics and speak in a confident manner. ● Relate it with real life situations and also will be able to respond to various situations. ● write independently the various forms of written text. ● Use the dictionary to refer to the new words. ● Express the views with correct tone and voice modulation. ● Writes descriptions/narratives showing sensitivity to gender, environment and appreciation of cultural diversity. ● Write and explore his ideas in the written form using correct grammar and vocabulary. ● Correct methodology Spell and write the words using their phonetic knowledge. ● Read the text and recite poem with correct pronunciation, intonation and pause, expressions and actions/gestures/body

	Creative Thinking Skills Communication Skills ● Matri Bhasha Diwas * Awareness of Linguistic and Cultural traditions * Values of Tolerance and Dialogue Communication skills	
MATHEMATICS	● Express decimal numbers in binary system. ● Express binary numbers in the decimal system. ● Relate indices in logarithm/antilog. ● Find logarithm and antilogarithm of a given number. ● Enlist the laws and properties of logarithm. ● Apply laws of logarithm. ● Use logarithm in different applications. ● Determine average for a given data. ● Evaluate the angular value of a minute. ● Calculate the angle formed between two hands of a clock at given time. ● Determine or days in a month, year and century. ● Establish the relationship between work and time. ● Compare the work done by the individual or group with respect to time. ● Solve problems based on surface area and volume of 2D and 3D shapes. ● Calculate the volume or surface area for solid formed using two or more shapes. ● Locate the position of a person in a sitting arrangement. ● Define set as well define collection of objects. ● Represent a set-in rooster form and set builder form. ● Identify different types of sets on the basis of number of elements and	● Definition of number system. Conversation from decimal to binary system and vice versa. ● Applications of rules of entices. Introduction of logarithm and antilogarithm. Common and natural logarithm. ● Fundamental laws of logarithm. Express the problem in the form of an equation and apply logarithm/ antilogarithm. ● Definition and meaning of average. Problems on average, weighted average. ● Number of rotations of minute hand, hand of a clock in a day. ● Number of times minute hand and our hand concides in a day. ● Definition of odd days. Or days in a year or century. Day corresponding to a given date. ● Basic concept of time and work. Problems on time taken and distance covered and work done. ● Comparison between 2D and 3D shapes. Combination of solids. Transforming 1 solid shape to another. ● Linear and circular setting

	the set. • Differentiate between equal set and equivalence set. • Enlist all subsets of a set. • Find number of subsets of a given set. • Find number of elements of power set. • Apply the concept of event diagram to understand the relationship between sets. • Perform operations on set to solve practical problems. • Explain the significance of specific arrangement of elements in a pair. • Express relation as a subset of cartesian product. • Differentiate between sequence and series. • Identify arithmetic progression and geometric progression. • Established the formula for finding nth term and sum of n terms in arithmetic progression and geometric progression. • Solve problems based on relation between arithmetic progression and geometric progression. • Define and calculate factorial of a number. • Define permutation and apply the concept of permutation to solve simple problems. • Define combination and differentiate between permutation and combination also apply the formula of combination to solve the related problems. • So logical problems involving odd man out blood relation coding and decoding. • Define domain, range and codomain of a given function. • Representation of function graphically. • Define continuity of a function. Find the derivative of function of a function. Find the derivative of	arrangement. Position of a person in a sitting arrangement. • Definition of a set. Examples and non-examples of set. Right elements of a set and set builder form and restore form. Convert a set given in rooster form into set builder form and vice versa. • Types of sets, finite set, infinite set, empty set, singleton set. Subset of a given set. Familiarity with terms like superset, in proper subset, universal set and power set. • Venn diagrams as the pictorial representation of relationship between sets. • Operations on sets include: a. Union of sets b. Intersection of sets c. Difference of sets d. Complement of a set e. De morgan's law • Ordered pair, order of elements in an ordered pair and equality of ordered pairs. • Definition of relation example pertaining to relations in the real number system. • Permutation arrangement of objects in a definite order taken some or all at the time. • Dependent variable and
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	functions. ● Appreciate the use of probability in daily life situations. Define random experiment and sample space which suitable examples also recognise and differentiate different types of events and find their probability. Define the concept of conditional probability and also apply reasoning skills to soft problems based on conditional probability. ● State bayes theorem. Solve practical problems based on this theorem. ● Differentiate between range quartile deviation mean deviation and standard deviation. ● Define skewness and kurtosis using graphical representation of a data set. ● Calculate an interpret percentile and quartile rank of scores in a given data set. ● Calculate product moment correlation for ungrouped and grouped data. ● Define the concept of interest rates. Compare the difference between nominal interest rate, effective rate and real interest rate. ● Explain the meaning, nature and concept of equivalency. ● Interpret the concept of compounding and discounting along with practical applications. Compute net present value. Apply net present value in capital budgeting decisions. ● Explain fundamentals of taxation. Differentiate between direct and indirect tax. Define an explain GST full stop calculate GST and explain rules under state goods and service tax Central goods and service tax and union territory goods and service tax. ● Describe the meaning of bills and	independent variable. Function as a rule or law that defines a relationship between one variable and another variable. ● Domain as a set of all values of independent variables. Codomain as a set of all values of dependent variable. Range of a function as set of all possible resultant values of a dependent variable. ● Following types of functions with definitions and characteristics constant function identity function polynomial function rational functions composite function, logarithm function exponential function modulus function greatest integer function, algebraic function and Signum function. ● Graph of some polynomial functions logarithmic function exponential function latest integer function and signum function. ● Probability as quantitative measures of uncertainty full stop use of probability in determining the insurance premium, weather forecast. ● Sample space as set of all
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	its various types. Analyse the meaning and rules determining tariff rate. Explain the concept of fixed charge. ● Find the slope and equation of line in various forms. ● Find angle between the two lines. Find the perpendicular from a given point on a line. Find the distance between two parallel lines. ● Define a circle. Find different form of equations of a circle. Solve problems based on applications of circle. ● Define parabola and related terms. Define eccentricity of a parabola. Derive the equation of parabola.	possible outcomes. ● Types of events like impossible and shorivent, independent and dependent event mutually exclusive and exhaustive event. ● Mean deviation around mean and median standard deviation and variance examples of different kinds of data helping students to choose and compare different measures of dispersion. ● Examples of symmetrical and asymmetrical data. Visualisation of graphical representation of data using access spreadsheet or any other computer assisted tool. ● Emphasis on visualising, analysing and interpreting percentile and quartile rank scores. Emphasis on application analysis and interpreting the results of coefficient of correlation using practical examples. ● Impact of high interest rates and low interest rates on the business. ● Meaning and significance of simple and compound interest. Compound interest rates applications on various financial products. Concept of equivalency
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		and annual equivalence rate. ● Definition formula and examples of regular annuity, mortgage payment car loan payment, rent payment and insurance payouts. ● Competition of income tax ad income from salary house property, business or professional game, other sources less deductions PF, PPF, LIC, housing loan, FD. ● Assess the individuals under income tax act formula for GST different tax heads under GST. ● Tariff rate it's basics of determination. Concept of fixed charge, service charge and their applications in various factors of Indian economy. ● Gradient of a line, equation of a line, parallel to exist form, 2 points form, slope intercept form and intercept form. ● Application of the straight line in demand curve related to economic problems. ● Circle as a locus of a point in a plane. Equation of a circle in standard form, Central form, diameter form and general form.
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		● Parabola as well locus of a point in a plane. Equation of a parabola in standard form. ● Application in parabolic reflector been supported by wires at the end of the support greater of a railway bridge etc.
INFORMATICS PRACTICES	● Identify the components of a computer system. ● Create Python programs using different data types, lists and dictionaries. ● Understand database concepts and Relational Database Management Systems. ● Retrieve and manipulate data in RDBMS using Structured Query Language ● Identify the Emerging trends in the fields of Information Technology. ● Create projects with Database and Python	● Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose software. ● Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operator, precedence of operators, data types, mutable and immutable data types, statements, expression evaluation. comments, input and output statements, data type conversion, debugging. Control Statements: if-else, if-elif-else, while loop, for

		loop Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions – len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum() Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del, clear() ● Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS
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		NOT NULL Data Manipulation: INSERT, DELETE, UPDATE Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.
PHYSICAL EDUCATION	Teaching Styles - Command Style: Direct instruction where the teacher demonstrates and provides feedback. - Reciprocal Style: Students work in pairs, taking turns performing a task while the other provides feedback. - Self-Check Style: Students evaluate their own performance and set goals for improvement. - Inclusive Style: Teaching methods adapted to meet the needs of diverse learners. Assessment Strategies - Formative Assessment: Ongoing evaluation to monitor student progress. - Summative Assessment: Evaluating student learning at the end of a lesson or unit. - Self-Assessment: Students evaluate their own performance and set goals. - Peer Assessment: Students evaluate and provide feedback to their peers. Differentiation Strategies - Learning Stations: Multiple activities catering to different learning styles. - Tiered Assignments: Modified tasks to suit different ability levels. - Technology Integration: Utilizing digital tools to engage diverse learners. - Flexible Grouping: Grouping students	Fitness Components - Cardiovascular Endurance: Understanding the importance of aerobic exercise for heart health. - Muscular Strength and Endurance: Learning exercises to improve muscular strength and endurance. - Flexibility: Understanding the importance of flexibility exercises for injury prevention. - Body Composition: Learning about healthy weight management practices. Team and Individual Sports - Team Sports: Learning strategies and rules for team sports like basketball, soccer, and volleyball. - Individual Sports: Learning techniques and rules for individual sports like tennis, badminton, and swimming. Movement and Motor Skills - Locomotor Skills: Practicing running, jumping, and other locomotor skills.

	based on ability, interest, or learning style. Game-Based Learning ● Modified Games: Adapted games to suit different ability levels. ● Small-Sided Games: Games with reduced numbers of players to increase participation. ● Conditioned Games: Games with specific conditions or rules to focus on specific skills. Inclusive Strategies ● Adaptive Equipment: Modified equipment for students with physical disabilities. ● Support Staff: Utilizing support staff to assist students with diverse needs. ● Visual Supports: Using visual aids to support students with cognitive or sensory impairments. ● Cultural Sensitivity: Incorporating diverse cultural practices and traditions into Physical Education. Technology Integration ● Virtual Fitness Classes: Online classes for remote participation. ● Fitness Apps: Utilizing mobile apps to track fitness and provide feedback. ● Video Analysis: Using video to analyze and improve student performance. ● Online Resources: Utilizing digital resources to support teaching and learning. These pedagogical solutions can enhance teaching and learning in Physical Education, promoting inclusivity, engagement, and student succe	● Non-Locomotor Skills: Practicing balancing, twisting, and other non-locomotor skills. ● Manipulative Skills: Practicing throwing, catching, and other manipulative skills. Injury Prevention and Management ● Warm-up and Cool-down: Understanding the importance of proper warm-up and cool-down exercises. ● Injury Prevention: Learning strategies to prevent common injuries. ● First Aid: Learning basic first aid techniques for common injuries. Sportsmanship and Fair Play ● Respect for Opponents: Understanding the importance of respecting opponents and teammates. ● Fair Play: Learning about the importance of fair play and sportsmanship. ● Teamwork: Practicing teamwork and communication skills. Nutrition and Wellness ● Healthy Eating: Learning about healthy eating habits for optimal performance. ● Hydration: Understanding the importance of proper hydration. ● Mental Wellness: Learning strategies for managing stress and maintaining mental wellness. These learning points may vary depending on the specific curriculum and school.
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GRADE XII-COMMERCE

SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	Listening & Comprehension Activities: ● Engage learners in listening to live and recorded presentations, debates, speeches, podcasts, and interviews followed by comprehension exercises. ● Use note-taking, summarizing, and paraphrasing tasks to strengthen understanding. Speaking & Interaction Opportunities: ● Conduct group discussions, role plays, mock interviews, and short oral presentations. ● Use peer and teacher feedback to build confidence in social and academic communication. Reading & Interpretation Strategies: ● Provide a range of texts (fiction, non-fiction, drama, poetry, biographies) with guided reading sessions focusing on identifying main ideas, supporting details, and thematic connections. ● Encourage independent reading with reflective journals. Language Development Activities: ● Integrate vocabulary-building exercises using contextual clues and word maps. ● Include grammar workshops focusing on accuracy and usage in both spoken and written communication. Writing Skills Enhancement: ● Engage students in writing activities across genres: expository, argumentative, descriptive, and narrative. ● Assign tasks like formal/informal letters,	The Learner will be able to: ● Listen and comprehend live as well as recorded oral presentations on a variety of topics. ● Develop greater confidence and proficiency in the use of language skills necessary for social and academic purpose to participate in group discussions and interviews, by making short oral presentations on given topics. ● perceive the overall meaning and organisation of the text (i.e., correlation of the vital portions of the text). ● Identify the central/main point and supporting details, etc., to build communicative competence in various lexicons of English. ● promote advanced language skills with an aim to develop the skills of reasoning, drawing inferences, etc. through meaningful activities ● translate texts from mother tongue(s) into English and vice versa. ● Develop ability and acquire knowledge required in order to engage in independent reflection and enquiry. ● Read and comprehend extended texts (prescribed and non-prescribed) in the following genres: science fiction, drama, poetry, biography, autobiography, travel and sports literature, etc. ● Text-based writing (i.e., writing in response to questions or tasks based on prescribed or unseen texts), understanding and responding to lectures, speeches, etc. ● Write expository / argumentative essays, explaining or developing a topic, arguing a case, etc, write formal/informal letters and applications for different purposes. ● Make use of contextual clues to

	CV writing, emails, reports, notices, and workplace communication. ● Incorporate peer review and editing sessions to refine writing. Critical Thinking & Reasoning: ● Use tasks that involve analysis, inference drawing, and evaluation of ideas. ● Incorporate debates, problem-solving discussions, and reflective essays to promote higher-order thinking. Translation & Multilingual Competence: ● Include translation tasks between English and mother tongue(s) to deepen language understanding and cultural context. Research & Information Gathering: ● Train learners in selecting, compiling and presenting information from various sources. ● Include projects requiring data collection, organization, and oral presentation.	infer meanings of unfamiliar vocabulary. ● Select, compile and collate information for an oral presentation. ● Produce unified paragraphs with adequate details and support. ● Use grammatical structures accurately and appropriately. ● Write items related to the workplace (minutes, memoranda, notices, summaries, reports etc. ● filling up forms, preparing CV, e-mail messages., making notes from reference materials, recorded talks etc.								
ACCOUNTANCY	Conceptual Clarity Strategy: ● Begin each chapter with a real-life scenario (e.g., partnership disputes, share issuance in a startup). ● Explain complex concepts using analogies from everyday life. <table><tr><th>Concept</th><th>Real-Life Example</th></tr><tr><td>Goodwill</td><td>Reputation of a restaurant</td></tr><tr><td>Depreciation</td><td>Wear and tear of a car</td></tr><tr><td>Partnership adjustments</td><td>Division of family expenses</td></tr></table> Simplification of Jargon ● Use visual glossaries with icons and simple definitions. ● Create a "Wall of Words" in class – each week, students add a new accounting term with an explanation. ● Explain terms like 'reserves',	Concept	Real-Life Example	Goodwill	Reputation of a restaurant	Depreciation	Wear and tear of a car	Partnership adjustments	Division of family expenses	Conceptual Understanding Students will be able to: ● Relate accounting principles and concepts to real-life scenarios (e.g., understand goodwill through business reputation or depreciation via everyday asset use). ● Interpret and explain complex accounting terms such as depreciation, provisions, and goodwill using simplified language and relatable analogies. ● Demonstrate a clear understanding of partnership adjustments, issue of shares, and revaluation using relatable examples.
Concept	Real-Life Example									
Goodwill	Reputation of a restaurant									
Depreciation	Wear and tear of a car									
Partnership adjustments	Division of family expenses									

	'revaluation', or 'forfeiture' using short stories or comic strips. Interactive Teaching Methods <table><tr><th>Method</th><th>Activity Example</th></tr><tr><td>Case Studies</td><td>Case: Admission of a new partner</td></tr><tr><td>Role Play</td><td>Simulate an AGM: student roles</td></tr><tr><td>Think-Pair-Share</td><td>Pose a conceptual challenge for discussion</td></tr></table> Practical Applications <table><tr><th>Technique</th><th>Application</th></tr><tr><td>Worksheets</td><td>Practice sets on ledger and T-accounts</td></tr><tr><td>Problem-Solving</td><td>Bank Reconciliation analysis</td></tr><tr><td>Technology Integration</td><td>Use Tally, Excel, or other accounting software</td></tr><tr><td>Accounting Lab</td><td>Set up a mock business with receipts/invoices</td></tr></table> Visual Aids and Models • Flowcharts for accounting processes (e.g., Accounting Cycle, Issue of Shares). • Tables comparing types of accounts or distinctions (e.g., capital vs revenue expenditure). • Videos and Animations: • Bank Reconciliation Statement • Issue and forfeiture of shares • Partnership adjustments GST & Current Topics • Assign Mini-Projects: • Prepare GST invoices for a mock business • Calculate net GST payable from sample transactions • Discuss: • Accounting Standards (AS/Ind AS) relevant to their syllabus • Role of accountants in corporate governance and ethics Theory & Practical Balance • Use mnemonics (e.g., for features of partnership: “LUCRE” – Lawful, Understanding, Capital, Risk, Equality).	Method	Activity Example	Case Studies	Case: Admission of a new partner	Role Play	Simulate an AGM: student roles	Think-Pair-Share	Pose a conceptual challenge for discussion	Technique	Application	Worksheets	Practice sets on ledger and T-accounts	Problem-Solving	Bank Reconciliation analysis	Technology Integration	Use Tally, Excel , or other accounting software	Accounting Lab	Set up a mock business with receipts/invoices	Accounting Vocabulary & Communication Students will be able to: • Define and explain accounting terms using their own words through visual glossaries and classroom tools like the “Wall of Words.” • Use accounting terminology correctly in both written and oral communication. • Interpret terms such as “reserves,” “revaluation,” or “forfeiture” by drawing upon classroom comic strips and stories. Application of Knowledge Students will be able to: • Apply accounting principles to solve real-world business problems such as preparing final accounts, ledger postings, and adjustments. • Accurately complete accounting cycles through worksheets, lab simulations, and accounting software (e.g., Tally or Excel). • Prepare Bank Reconciliation Statements, rectify errors, and analyze cash flow in practical scenarios. Critical Thinking & Problem Solving Students will be able to: • Analyze case studies (e.g., admission of a partner) and propose appropriate accounting treatments. • Collaborate in group discussions or activities such as Think-Pair-Share to explore conceptual challenges (e.g., "Is goodwill an asset?"). Collaboration and Communication Skills Students will be able to: • Present accounting sub-
Method	Activity Example																			
Case Studies	Case: Admission of a new partner																			
Role Play	Simulate an AGM: student roles																			
Think-Pair-Share	Pose a conceptual challenge for discussion																			
Technique	Application																			
Worksheets	Practice sets on ledger and T-accounts																			
Problem-Solving	Bank Reconciliation analysis																			
Technology Integration	Use Tally, Excel , or other accounting software																			
Accounting Lab	Set up a mock business with receipts/invoices																			

	• Daily Practice: journal entries, ledgers, trial balance, final accounts. • Theory Recaps: Mind maps, rapid-fire Q&A, flashcards. <table><tr><th colspan="2">Feedback & Evaluation Mechanism</th></tr><tr><th>Method</th><th>Implementation</th></tr><tr><td>Self-Evaluation Sheets</td><td>Students reflect after</td></tr><tr><td>Teacher Feedback</td><td>Rubrics-based assessment</td></tr><tr><td>Progress Chart</td><td>Track improvement</td></tr></table>	Feedback & Evaluation Mechanism		Method	Implementation	Self-Evaluation Sheets	Students reflect after	Teacher Feedback	Rubrics-based assessment	Progress Chart	Track improvement	topics in class, demonstrating peer teaching and leadership. • Work collaboratively on projects such as preparing financial statements for a mock company. Digital & Technological Literacy Students will be able to: • Use accounting software (like Tally, Excel, or Zoho Books) to record transactions and prepare financial reports. • Create digital GST invoices and calculate net GST using spreadsheet tools. Visual Interpretation and Representation Students will be able to: • Interpret flowcharts, tables, and models to explain accounting processes such as the accounting cycle or share capital. • Use diagrams and videos to reinforce their understanding of key accounting concepts (e.g., BRS, forfeiture of shares, partnership adjustments). Assessment Readiness Students will be able to: • Perform consistently in quizzes, unit tests, and mock exams by demonstrating accurate application of accounting principles. • Reflect on assessment outcomes through self-evaluation sheets and make improvements based on teacher feedback. Balance of Theory and Practice Students will be able to: • Retain and recall theoretical concepts using tools like mnemonics, flashcards, and mind maps. • Maintain proficiency in
Feedback & Evaluation Mechanism												
Method	Implementation											
Self-Evaluation Sheets	Students reflect after											
Teacher Feedback	Rubrics-based assessment											
Progress Chart	Track improvement											

		journal entries, ledger posting, trial balances, and final account preparation through daily practice. Real-World Relevance and Contemporary Awareness Students will be able to: - Analyze the impact of GST in practical business transactions and create relevant documents like GST invoices. - Explain the relevance of accounting standards and corporate ethics in the modern financial environment.
BUSINESS STUDIES	Teaching Styles Command Style: Teacher demonstrates <i>management functions, planning steps, financial calculations</i>. Reciprocal Style: In pairs, students solve <i>case studies</i> (e.g., staffing problem), giving feedback. Self-Check Style: Students compare their <i>marketing mix projects</i> with teacher's model. Inclusive Style: Use real-life examples (local businesses, startups) relatable to all learners. Assessment Strategies Formative Assessment: Class tests on <i>principles of management, staffing, directing</i>. Summative Assessment: Pre-board exams with case-based questions. Self-Assessment: Students review their role-play (leader/manager) performances. Peer Assessment: Group feedback on <i>marketing campaigns</i> designed by classmates. Differentiation Strategies Learning Stations: One corner for <i>marketing posters</i>, another for <i>financial decision worksheets</i>, another for <i>leadership games</i>. Tiered Assignments: Average learners – define & explain concepts; advanced learners – solve business caselets. Technology Integration: Online	By end of session, students will be able to: Knowledge: Explain concepts of management, functions, and business environment. Application: Apply management principles to business situations (planning, delegation, leadership). Analysis: Compare and evaluate different sources of finance, marketing strategies, and stock market functioning. Decision Making: Solve case-based problems on staffing, leadership, capital structure, and consumer protection. Skills: Develop presentation, leadership, teamwork, and analytical skills through projects & activities. Values: Appreciate consumer rights, business ethics, CSR,

	stock market simulations, advertisement analysis on YouTube. • Flexible Grouping: Interest-based groups – finance, HR, marketing, consumer rights. Game-Based Learning • Modified Games: “Management Bingo” with keywords (planning, organizing, staffing). • Small-Sided Games: Teams role-play as managers solving crises (e.g., shortage of raw material). • Conditioned Games: Mock stock exchange with rules (budget of ₹1 lakh, 3 companies to invest in). Inclusive Strategies • Adaptive Resources: Simplified flowcharts for weaker learners, advanced case studies for toppers. • Support Staff: Assist in guiding project work for slow learners. • Visual Supports: Org charts, posters, business infographics. • Cultural Sensitivity: Case studies from Indian and international companies to respect diversity. Technology Integration • Virtual Business Simulations: Online management games. • Finance Apps: Moneycontrol / NSE India app for real-time stock updates. • Video Analysis: Case study videos on companies like Tata, Infosys. • Online Resources: CBSE sample papers, NCERT portal, Investopedia, SEBI website.	sustainable marketing.
ECONOMICS	Teaching Styles • Command Style: Teacher explains complex concepts like <i>National Income</i> and demonstrates calculations step by step. • Reciprocal Style: Students solve numerical problems on <i>GDP and BOP</i> in pairs, checking each other’s work. • Self-Check Style: Students use answer keys to verify their own solutions for case study or graph-based questions. • Inclusive Style: Simplified notes, diagrams, and extra worksheets for	By end of session, students will be able to: • Knowledge: Define and explain key concepts like GDP, national income, inflation, monetary policy, poverty line. • Application: Apply macro concepts to current Indian economy (budget, BOP issues, RBI policy).

	diverse learners; advanced application tasks for high achievers Differentiation Strategies • Learning Stations: GDP data analysis, BOP graph reading, poverty indicators discussion – different corners of class. • Tiered Assignments: Simplified numerical for average learners; higher-order policy analysis for advanced learners. • Technology Integration: Use RBI website, Economic Survey extracts, online quizzes (Kahoot/Quizizz). • Flexible Grouping: Group based on interest – one group on budget analysis, another on poverty alleviation strategies. Game-Based Learning • Modified Games: Quiz games like “<i>Guess the Economic Term</i>” or <i>budget puzzle</i>. • Small-Sided Games: Teams solve case studies (like LPG reforms impact) under time limit. • Conditioned Games: Students role-play as RBI, Finance Ministry, and debate on policy decisions. Inclusive Strategies • Adaptive Resources: Use large font economic graphs for visually weak learners. • Support Staff: Teacher/assistant helps weaker students with numerical practice. • Visual Supports: Flowcharts, infographics for macro concepts. • Cultural Sensitivity: Examples from rural and urban India to connect with diverse backgrounds. Technology Integration • Virtual Classes: Use NCERT e-content, Diksha app for revision. • Data Analysis Tools: Excel/Google Sheets for plotting GDP trends. • Video Analysis: Budget speech videos, IMF lectures. • Online Resources: World Bank, RBI, NITI Aayog reports.	• Analysis: Analyze trends in economic data (GDP growth, inflation, literacy rate, BOP deficit). • Critical Thinking: Evaluate economic reforms and government policies. • Skills: Interpret graphs, data, statistical tools. • Values: Understand need for inclusive growth, environmental sustainability, and ethical economic practices.
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HINDI	• Listening to poetry/news talks prose text of Hindi literature. • Participate in class assembly, school assembly, interschool and intra school competitions. • Introduction of the characters of the stories written by various authors. • Participate in group discussion, declamation and debates. • New word formation by using grammar rules. • Newspaper reading and learning the vocabulary to the text and correlate to the chapter. • Know the features of various types of writing-letter, paragraph, Suchana lekhan, svavrit lekhan, Aupcharik email writing. • Create their own skits,poems,dialogues,and stories. • Using grammar through a variety of situations.(Janasanchaar maadhyam aur lekh 1. janasanchaar maadhyam 2. patrakaarita ke vividh aayaam Rachanaadharmee lekh 1. Daayaree ke kala katha lipi 2. Vyavahaarik lekhan Kaaryaalayee lekhan evan prakriya Svovrttaalekh aur Rojagaaraparak anuprayog patr Shabdakosh, Sandarbh granthon ke upayogee vidhi aur parichay. create a skill to take interviews and diary writing. Small group activities-poem recitation,Loud reading sessions, dictation and listening. Expression Series Creative Thinking Skills Communication Skills Matri Bhasha Diwas	• Listening,speaking,reading ,writing and thinking in a manner. • Present their thoughts on general topics and speak in a confident manner. • Relate it with real life situations and also will be able to respond to various situations. • Write independently the various forms of written text. • Use the dictionary to refer to the new words. • Express the views with correct tone and voice modulation. • Write descriptions/narratives showing sensitivity to gender,environment and appreciation of cultural diversity. • Write and explore his ideas in the written form using correct grammar and vocabulary. • Correct methodology • Spell and write the words using their phonetic knowledge. • Read the text and recite poem with correct pronunciation, intonation and pause, expressions and actions/gestures/body
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	* Awareness of Linguistic and Cultural traditions * Values of Tolerance and Dialogue Communication skills	
MATHEMATICS	• Understand the concept of continuity and differentiability of a function. • Differentiate between continuity and differentiability with examples. • Apply rules of differentiation for sum, difference, product, and quotient of functions. • Find derivative of composite, implicit, logarithmic, and parametric functions. • Evaluate higher-order derivatives. • Apply the concept of derivatives to find tangent and normal to a curve. • Solve problems related to rate of change of quantities. • Identify increasing and decreasing functions using derivatives. • Find local maxima and minima of a function. • Solve optimization problems in practical situations. • Understand and apply the concept of integration as the inverse process of differentiation. • Use standard results and properties to find indefinite and definite integrals. • Evaluate area under simple curves and between two curves using definite integrals. • Apply integration in finding displacement and distance in motion problems. • Understand and apply the concept of differential equations and their order and degree. • Formulate differential equations for given situations. • Solve first-order, first-degree differential equations using variable separable, homogeneous, and linear methods. • Understand the concept of vector and its representation in space.	• Explain and apply the concepts of continuity and differentiability. • Differentiate standard algebraic, exponential, logarithmic, and trigonometric functions. • Interpret derivative as a rate of change and apply it to motion and growth problems. • Apply derivatives in determining maxima, minima, and points of inflection. • Understand and use integration as the reverse process of differentiation. • Evaluate standard integrals and apply properties of definite integrals. • Calculate areas bounded by curves using integration. • Identify the order and degree of differential equations. • Form and solve differential equations in simple practical contexts. • Define and perform operations on vectors. • Apply scalar and vector products to solve geometrical and physical problems. • Find equations of lines and planes in 3D and determine angles and distances between them. • Recognize and classify types of functions including invertible and inverse trigonometric functions. • Apply the properties of inverse trigonometric functions to simplify and solve problems.

	• Perform operations on vectors – addition, subtraction, and multiplication by a scalar. • Find scalar and vector products and interpret geometrically. • Apply vector methods to find angle between two vectors, parallelism, and perpendicularity. • Use vectors to find distance between points, equation of a line, and plane. • Derive and apply the Cartesian equation of a line and plane in three-dimensional geometry. • Determine angle between two lines, two planes, and a line and a plane. • Find distance between skew lines and parallel planes. • Apply 3-D geometry in real-life problems related to shortest distance and perpendicularity. • Define relation and function, and types of functions such as one-one, onto, and invertible functions. • Understand inverse of a function and find the domain and range of inverse trigonometric functions. • Use properties of inverse trigonometric functions to solve equations. • Apply basic properties of determinants to simplify and solve problems. • Find inverse of a matrix using adjoint and elementary transformation methods. • Apply matrices to solve system of linear equations. • Understand the concept of probability distribution and random variable. • Construct and interpret mean and variance of a discrete probability distribution. • Define and apply Binomial Distribution to practical situations. • Explain concept of conditional probability and its properties. • Apply Bayes' theorem to solve real-life conditional probability problems. • Understand and apply concept of linear programming to optimize real-life situations.	• Define determinant and matrix, and perform basic operations. • Find inverse of a matrix and use it to solve linear equations. • Apply determinant and matrix properties in real-life mathematical modeling. • Define probability distribution and find mean and variance of a random variable. • Solve problems involving conditional probability and apply Bayes' theorem. • Formulate and solve Linear Programming Problems graphically. • Interpret solutions of LPP in terms of feasible region and optimal solution. • Define financial terms such as annuity, perpetuity, and sinking fund. • Calculate EMI, present value, and future value in financial transactions. • Identify and compare simple and compound interest in various contexts. • Understand regression and correlation analysis and interpret data relationships. • Construct regression lines and predict unknown values from given data. • Interpret mathematical results in the context of real-world problems. • Use ICT tools for graphing, computation, and data visualization. • Develop logical reasoning, analytical ability, and decision-making through application of mathematical concepts.
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	• Formulate constraints and objective function in standard LPP form. • Solve LPP graphically for two variables. • Understand and apply basic concepts of financial mathematics including annuity, perpetuity, and sinking fund. • Compute present value and future value of regular payments. • Apply the concept of EMI in loan and investment calculations. • Differentiate between simple annuity and general annuity. • Understand and apply measures of dispersion and correlation for data interpretation. • Compute regression lines and predict dependent variables. • Interpret the meaning and implications of correlation and regression in real-life contexts. • Use technology (spreadsheet, graphing tools) to visualize mathematical concepts and perform computations.	
INFORMATICS PRACTICES	• Identify the components of a computer system. • Create Python programs using different data types, lists and dictionaries. • Understand database concepts and Relational Database Management Systems. • Retrieve and manipulate data in RDBMS using Structured Query Language • Identify the Emerging trends in the fields of Information Technology. • Create projects with Database and Python	• Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose software. • Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, identifiers, keywords,

		constants, variables, types of operator, precedence of operators, data types, mutable and immutable data types, statements, expression evaluation. comments, input and output statements, data type conversion, debugging. Control Statements: if-else, if-elif-else, while loop, for loop Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions – len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum() Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del, clear() ● Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation
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		Language, Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL Data Manipulation: INSERT, DELETE, UPDATE Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.
PHYSICAL EDUCATION	PEDAGOGICAL SOLUTIONS Teaching Approaches - Direct Instruction (Command Method): Teacher demonstrates skills; students perform under guidance. - Peer Teaching (Reciprocal Method): Students work in pairs; one performs, the other evaluates. - Self-Evaluation Method: Students check their own progress and identify strengths/weaknesses. - Inclusive Method: Activities are adjusted so that every learner, regardless of ability, can participate. - Evaluation Methods	LEARNING OUTCOMES - Physical Fitness Components - Stamina (Cardiorespiratory Endurance): Learning aerobic exercises for a healthy heart. - Strength & Endurance: Building muscle power and resistance capacity. - Flexibility: Stretching for injury prevention and mobility. - Body Composition: Understanding healthy body fat and muscle ratio.

	• Formative Evaluation: Ongoing checks during lessons to monitor learning. • Summative Evaluation: Final assessment after a topic or unit. • Self-Evaluation: Learners reflect and measure their own improvement. • Peer Evaluation: Classmates provide constructive feedback. • Differentiated Instruction • Activity Corners (Learning Stations): Different activities set up to meet varied learning preferences. • Graded Tasks (Tiered Assignments): Easier or challenging versions of the same activity. • Digital Tools: Apps, smart boards, and fitness trackers for interactive learning. • Dynamic Grouping: Students regrouped based on skills, interest, or learning pace. • Learning Through Games • Adapted Games: Rules/equipment adjusted for varying abilities. • Mini-Games: Reduced player numbers for higher participation. • Rule-Based Games: Adding special rules to focus on a particular skill. • Inclusive Teaching Practices • Modified Equipment: Special bats, lighter balls, ramps, etc. • Helper Support: Teaching assistants or peer buddies. • Visual Aids: Charts, pictures, demonstrations for clarity. • Respecting Diversity: Inclusion of cultural backgrounds in PE activities.	• Sports Participation • Team Games: Rules, teamwork, and tactics in sports like football, volleyball, and basketball. • Individual Events: Skills and rules of badminton, athletics, table tennis, etc. • Fundamental Movement Skills • Locomotor: Running, jumping, galloping. • Stability Skills: Balancing, twisting, bending. • Manipulative Skills: Passing, dribbling, striking, catching. • Health and Safety • Warm-Up & Cool-Down: Preparing and relaxing muscles. • Preventive Measures: Safety techniques and proper use of equipment. • Emergency Care: Basic knowledge of first aid. • Ethics in Sports • Respect & Discipline: Respecting referees, opponents, and rules. • Fair Play: Playing with honesty and integrity. • Team Spirit: Cooperating and communicating effectively. • Nutrition and Mental Health • Balanced Diet: Importance of nutritious food for athletes. • Fluid Balance: Staying hydrated for better
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	• Technology-Supported Learning • Online Fitness Sessions: Live/recorded classes for remote learners. • Mobile Fitness Trackers: Apps to measure activity levels. • Performance Recording: Using videos for self/teacher analysis. • Digital Reference Materials: E-books, tutorials, and online practice.	performance. • Stress Control: Relaxation, yoga, and positive thinking
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9. Assessment tools

Procedures and Ideas to regularly assess the student's 'performance'

Pre-Primary Evaluation

Teachers would observe the children individually as well as in a group and there would be no scheduled oral and written tests. The criteria for the observation is as follows:

1. Pre-Nursery

Children will be observed every day to assess their:

- * Language Skills (Listening & Speaking)
- * Cognitive Skills
- * Thinking and Reasoning Skills
- * Social Skills - Caring, Sharing and empathizing with others
- * Motor Skills -Gross & Fine
- * Co-curricular Activities

2. Nursery & Preparatory

Children will be observed every day to assess their:

- * Listening and Speaking Skills
- * Reading & Writing Skills
- * Number & Reasoning Skills
- * General Awareness
- * Interest in Co-curricular Activities i.e., Art & Craft,
- * Recitation, Games & Swimming

On the basis of the observation, the child would be marked as either ALWAYS/OFTEN/RARELY in the above-mentioned areas.

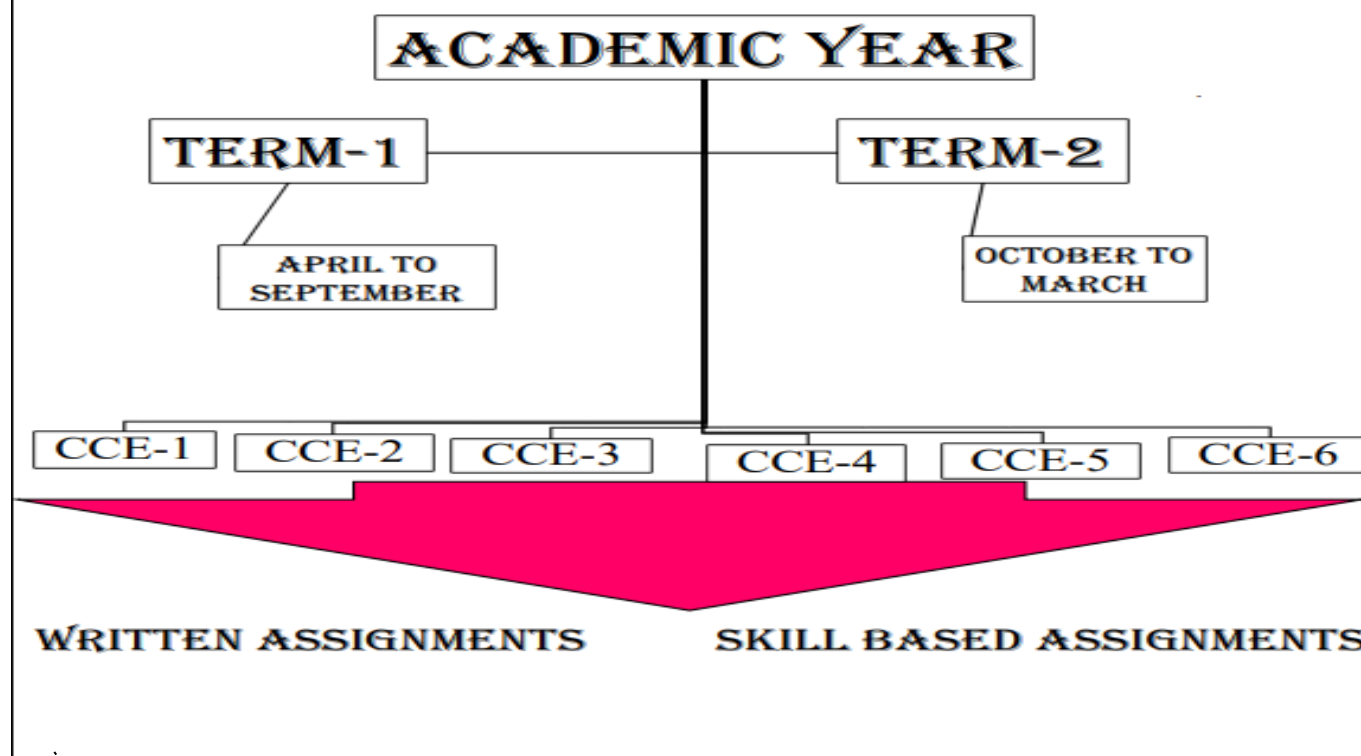
3. The overall performance of the child will be intimated through the Progress Profile.

Primary Evaluation (Grades I to V)

Continuous and Comprehensive Evaluation (CCE) is a process of assessment, mandated by the Right to Education Act, of India in 2009. ... As a part of this system, students' marks were replaced by grades which were evaluated through a series of curricular and extra-curricular evaluations along with academics.

At this stage the child will be judged on a purely qualitative basis taking into consideration the observation of the child's activities in various domains on the daily basis.

A child will be observed on his/her concept clarity, problem solving and thinking skills based on Class work/ Written Assignments/ day-to-day Classroom interaction/ Behaviour / Conversation / Co-curricular activities.



WRITTEN ASSIGNMENTS

ENGLISH AND HINDI	MATHEMATICS	SOCIAL SCIENCE/EVS	SCIENCE
COMPREHENSION	CONCEPT	ENVIRONMENTAL SENSITIVITY	CONCEPT
CREATIVE WRITING	MENTAL ABILITY		SCIENTIFIC SKILL
GRAMMAR			
LITERARY SKILLS			

SKILL BASED ASSIGNMENTS

ENGLISH AND HINDI	MATHEMATICS	SOCIAL SCIENCE /EV'S AND SCIENCE
READING	ACTIVITY	GROUP DISCUSSION
CONVERSATION	TABLES / DODGING	ACTIVITY /PROJECT
RECITATION	WRITTEN WORK	WRITTEN WORK
LISTENING SKILL		
DICTATION		

THE PROGRESS OF A CHILD WILL BE CHARTED IN THREE STAGES IN AN ACADEMIC SESSION:

First Stage: -	April to July –	CCE 1 and CCE 2
Second Stage: -	August to September –	CCE 3 and CCE 4
Third stage: -	December to March –	CCE 5 and CCE 6

THERE ARE TWO TERMS OF ASSESSMENTS:

MTCAS (Midterm Consolidation of Acquired Skills)
ACAS (Annual Consolidation of Acquired Skills)

GRADING SCALE (OUT OF 25 MARKS)

Marks	Grades	Remarks
22.5 to 25	A*	Outstanding
19 to 22	A	Excellent
14 to 18.5	B	Very Good
9 to 13.5	C	Good
0 to 8.5	D	Scope of Improvement

Periodic Test 3		10%	Term 2 100%	60%
PT 1 (A)	25			
PT 1(B)	25			
Note Book	05	05%		
Subject Enrichment Activities	05	05%		
Annual Examination	80	80%		
			100%	

SECONDARY EVALUATION (GRADE VI TO VIII)

1. Examination /Assessment System:

2. Scholastic Area

Assessment Components	Marks Allotted	Weightage in Term Result	Term	Integrated Result
Periodic Test 1		10%	Term 1 100%	40%
PT 1 (A)	25			
PT 1(B)	25			
Note Book	05	05%		
Subject Enrichment Activities	05	05%		
Periodic Test 2/ Mid Term Examination	80	80%		

SECONDARY REPORT CARD FORMAT (ONLY INTERNALS) GRADE VI TO VIII

Subject Name	PT-1 (10)	PT -2 (10)	PT-3 (10)	Total of best two Periodic Tests (20)	Average of best two Periodic Tests (05)	Portfolio / Note Book (05)	Multiple Assessment /ASL (05)	Subject Enrichment (05)	Total Out of (20)
ENGLISH	-	-	-	-	-	-	-	-	-
HINDI	-	-	-	-	-	-	-	-	-
MATHS	-	-	-	-	-	-	-	-	-
SCIENCE	-	-	-	-	-	-	-	-	-
SOCIAL SCIENCE	-	-	-	-	-	-	-	-	-

HIGHER SECONDARY EVALUATION (GRADE IX & X)

Internal Assessment (20 marks): For the purpose of gradient learning three Periodic Tests will be conducted throughout the year.

Sr. No.	Test	Syllabus to be Assessed
1.	Periodic Test -1	25% of the whole syllabus
2.	Periodic Test -2 (Mid-Term Examination)	50% of the whole syllabus
3.	Periodic Test -3	75% of the whole syllabus
4.	Annual	100% of the whole syllabus

Average of the best Two Tests will be taken for final marks submission.

The weightage of the periodic test will be 5 marks towards Final Assessment.

Subject Enrichment Activities and Notebook Submission

Subject Enrichment Activities and Notebook will be assessed twice as per given schedule

Subject Enrichment Activities	Notebook	Duration
For Languages : Assessment of Speaking and Listening Skills (ASL)	• Regularity • Assignment Completion • Neatness & Upkeep	April – September October -March
For Mathematics :Lab Activity		
For Science : Practical		
For Social Science: Map Skills and Project		

Notebook submission is a part of internal assessment. Marks will be given on the basis of regularity, timely submission, neatness and notebook upkeep.

**Multidisciplinary activities are of 5 marks*

HIGHER SECONDARY REPORT CARD FORMAT (ONLY INTERNALS) GRADE IX & X

Subject Name	PT-1 (40)	PT -2 (40)	PT-3 (40)	Total of best two Periodic Tests (80)	Average of best two Periodic Tests (05)	Portfolio / Note Book (05)	Multiple Assessment /ASL (05)	Subject Enrichment (05)	Total Out of (20)
ENGLISH	-	-	-	-	-	-	-	-	-
HINDI	-	-	-	-	-	-	-	-	-
MATHS	-	-	-	-	-	-	-	-	-
SCIENCE	-	-	-	-	-	-	-	-	-
SOCIAL SCIENCE	-	-	-	-	-	-	-	-	-

For IT (Information Technology), the marks bifurcation will be as follows:

Practical = 50 marks

Theory = 50 marks

Total = 100 marks

**The Annual Examination will be held in the month of February - March.
100% syllabus will be assessed. Maximum marks will be 80.**

Promotion: (IX & X)

Student has to secure 33% as per CBSE Guidelines.

Result of Class X will be declared by CBSE, New Delhi.

10. Training Sessions for teachers.

S. No.	Class/Topic	Venue of Workshop / Webinar (Online)	Date	Name of the Teacher
1.	Samvaya-3- In-House Subject Specific Symposium	AWSW-In House	05-03-2025	All Teachers Except (Ms. Sunita Gupta, Ms. Mariyam, Ms. Anjali Bhavsar, Ms. Chaitali Karpe)
2.	Vasutti 3 In-House {Subject Enrichment- a two-day Workshop (off-line)}	AWSW-In House	19-4-2025	All Teachers Except (Ms. Sunita Gupta, Ms. Shweta, Ms. Gauri Shinde, Ms. Amit Kashyap, Ms. Gargi Sharma)
3.	Values Education	CO DPS Anand(COE-Ajmer)	19-04-2025	Ms. Gauri Shinde

4.	Integrating Social-Emotional Learning (SEL) into School Culture	CBSE	23-04-2025	Ms. Kanchan Bala
5.	Capacity Building Programme: English Core (Class XII)	COE-Ajmer	28 & 29 April 2025	Ms. Kirti Patil
6.	Professional Skills Development	Dakshata -Prayagraj	28 & 30 April 2025	Ms. Madhuri Belgaunkar
7.	Cyber Well being	CBSE	14-05-2025	Ms. Kanchan Bala
8.	Expert led discussion on STEM education and sustainable practice for middle school teachers	CBSE-STEM (Navrachana)	10-06-2025	Ms. Nidhi Shah
9.	Competency Based Assessment	CBP-Cygnus	12-06-2025 & 13-06-2025	Ms. Shweta
10.	Cultivating Creativity and Computational Thinking in STEM Areas	CoE- Thiruvananthapuram	26-06-2025	Mr. Prashant Singh
11.	Cultivating Creativity and Computational Thinking in STEM Areas	CoE-Chandigarh	30-05-2025	Ms. Shweta
12.	Cultivating Creativity and Computational Thinking in STEM Areas	CoE- Bhubaneswar	04-07-2025	Ms. Sonal Bhatt, Ms. Kirti Patil, Ms. Priyanka Jha, Ms. Gargi Sharma
13.	Breaking barriers empowering girls in STEM fields	CoE- Bhubaneswar	18-07-2025	Ms. Shweta
14.	Hubs of Learning Accounts Workshop	Cygnus World School	19-07-2025	Ms. Avanika Dadlani
15.	CBSE 3rd National Summit on Facilitating school to work Transition	CBSE	23-08-2025	Dr. RK. Shakya
16.	Adarsh Bano	CBSE	25-08-2025	Ms. Arshdeep Kaur

11. School Health and Wellness Guidelines

Introduction:

The School Integrated Annual Curriculum and Pedagogical Plan aims to promote a culture of health and wellness within our school community. By integrating health and wellness guidelines into the curriculum, we strive to provide a comprehensive educational experience that supports the physical, mental, and emotional well-being of our students. This plan outlines the key components and strategies that will be implemented throughout the academic year to create a nurturing and healthy environment for all.

Goal:

The primary goal of the School Integrated Annual Curriculum and Pedagogical Plan is to foster a holistic approach to health and wellness among students, staff, and parents. This includes promoting healthy habits, preventing illnesses, and supporting the overall well-being of our school community.

Objectives:

- a. Develop awareness: Raise awareness among students, staff, and parents about the importance of health and wellness through targeted campaigns, workshops, and educational initiatives.
- b. Integrate health education: Embed health education into the curriculum across grade levels to ensure students receive consistent and comprehensive information on various health topics.
- c. Promote physical activity: Encourage regular physical activity by providing opportunities for structured exercise, sports activities, and promoting active lifestyles.
- d. Enhance mental health support: Implement strategies to address mental health concerns, provide counselling services, and create a supportive environment that fosters emotional well-being.
- e. Establish healthy eating habits: Promote healthy eating habits by offering nutritious meal options in the cafeteria, educating students on balanced diets, and involving parents in promoting healthy food choices.
- f. Foster a safe and inclusive environment: Create a safe and inclusive environment that respects diversity, promotes positive relationships, and addresses issues such as bullying, peer pressure, and substance abuse.

Implementation Strategies:

- a. Health and wellness curriculum integration: Collaborate with teachers and subject coordinators to incorporate health and wellness topics into various subjects, ensuring a multidisciplinary approach.
- b. Professional development: Provide ongoing professional development opportunities for teachers to enhance their knowledge and skills in delivering health and wellness education effectively.
- c. Guest speakers and workshops: Invite health experts, counsellors, and community members to conduct workshops, seminars, and presentations on relevant health topics.
- d. Co-curricular activities: Organize health-related clubs, events, and competitions that promote physical activity, mental well-being, and healthy lifestyle choices.
- e. Parental involvement: Engage parents through regular communication, workshops, and events to promote a collaborative approach in supporting student health and wellness.
- f. Health and wellness resources: Develop and maintain a collection of age-appropriate resources, including books, websites, and videos, to support health education and research.

Evaluation and Monitoring:

- a. Regular assessment: Conduct periodic evaluations to measure the effectiveness of health and wellness initiatives and make necessary adjustments based on feedback from students, staff, and parents.
- b. Data collection: Collect and analyse data related to student health, such as physical fitness assessments, mental health surveys, and absenteeism rates, to identify areas of improvement and track progress.
- c. Stakeholder feedback: Seek input from students, staff, parents, and the wider community through surveys, focus groups, and suggestion boxes to ensure their voices are heard and incorporated into decision-making processes.

Conclusion:

The School Integrated Annual Curriculum and Pedagogical Plan on School Health and Wellness Guidelines serves as a roadmap for creating a healthy and supportive educational environment. By integrating health and wellness into the curriculum, fostering physical and mental well-being, and promoting a safe and inclusive atmosphere, we aim to empower our students to lead healthy lives both inside and outside the school. Through collaborative efforts and continuous evaluation, we can create a nurturing environment that promotes lifelong habits of health and wellness.

12. Inclusive School Health and Wellness Guidelines for CWSN (Child with Special Needs)

1. Individualized Education Plan (IEP): Each CWSN should have an IEP, which is a legally mandated document that outlines their unique needs, goals, and the support services they require. The IEP should be developed collaboratively with parents, teachers, and specialists to address the child's educational and health needs.
2. Accessibility and Accommodations: Schools should ensure that physical spaces, facilities, and resources are accessible to CWSN. This may involve providing ramps, elevators, wheelchair-accessible bathrooms, assistive devices, or technologies to facilitate their mobility and independence. Inclusive classrooms may require specialized seating, adaptive equipment, or sensory-friendly environments.
3. Trained Staff and Support Personnel: Teachers and support staff should receive training on inclusive education and strategies to meet the diverse needs of CWSN. This includes understanding the specific disabilities or conditions, implementing appropriate instructional techniques, and addressing behavioural, communication, or medical requirements. Schools may also employ specialists such as special education teachers, therapists, or nurses to provide additional support.
4. Communication and Assistive Technology: CWSN with speech or communication difficulties may benefit from augmentative and alternative communication (AAC) systems, such as picture-based communication boards or electronic devices. Schools should facilitate the use of such technology and provide training to students, teachers, and peers to promote effective communication.
5. Personalized Health Care Plans: CWSN with specific health conditions or medical needs should have personalized health care plans in place. These plans outline necessary accommodations, medication administration, emergency procedures, and communication protocols between school and parents/guardians. Trained staff should be designated to administer medications or medical treatments if required.
6. Inclusive Activities and Adapted Physical Education: Schools should strive to provide inclusive extracurricular activities and physical education programs that are adapted to meet the abilities of CWSN. This may involve modifying activities, providing additional support or adaptive equipment, and fostering peer integration.
7. Sensory Support: For CWSN with sensory sensitivities, schools can create sensory-friendly environments. This may include quiet spaces, visual supports, noise-reducing measures, or sensory breaks to help students regulate their sensory experiences and minimize overload.
8. Social Inclusion and Peer Support: Promote a culture of acceptance and inclusion among students. Encourage peer interactions, facilitate friendships, and implement peer support programs to foster positive social relationships and reduce isolation.
9. Regular Communication with Parents/Guardians: Maintaining open lines of communication with parents/guardians is vital for understanding and addressing the evolving needs of CWSN. Regular meetings, progress updates, and collaboration ensure a unified approach to the child's well-being and education.
Conclusion: By implementing these guidelines, schools can create an inclusive and supportive environment that addresses the specific needs of children with special needs and promotes their holistic development and educational success.

13. Indian Heritage & Civilization

1.Introduction to Indian Heritage & Civilization- The Indian Heritage and Civilization curriculum aims to instil in students a deep understanding and appreciation of India's rich cultural and historical heritage. This curriculum seeks to educate students about the unique customs, traditions, and beliefs that have shaped India's identity and provide them with the tools to explore and appreciate this heritage in its complexity and diversity.

Objective: To introduce students to the basic concepts, themes, and ideas related to Indian Heritage and Civilization.

Activities:

- Introduction to major ancient Indian civilizations (Indus Valley Civilization, Vedic Civilization, etc.)
- Introduction to Indian history, culture, and geography through multimedia resources.
- Group discussions on Indian civilization and its impact on the world.
- Presentation and discussion on Indian diversity in terms of languages, cultures, and traditions.
- Create a class chart on major Indian dynasties, kingdoms, and empires.
- A visit to a local museum or cultural centre that exhibits Indian art, history, and culture.

2. Indian Epics and Mythology

Objective: To familiarize students with the epics and mythology of India, and their significance in shaping Indian culture.

Activities:

- Introduction to Indian epics such as Ramayana and Mahabharata through storytelling and multimedia resources.
- Group discussions on the characters, themes, and morals of the epics.
- Create a class chart on the different gods and goddesses in Hindu mythology and their stories.
- A visit to a local temple or shrine to observe and learn about the rituals and practices associated with Hinduism.
- Role-play or skit based on an episode from the Ramayana or Mahabharata.

3. Indian Arts and Literature

Objective: To expose students to the rich tradition of Indian arts and literature, and their contribution to Indian culture.

Activities:

- Appreciation of Indian classical dance forms (Bharatanatyam, Kathak, Odissi, etc.)
- Exploration of Indian classical music and instruments.
- Study of Indian architectural marvels (Taj Mahal, Khajuraho temples, etc.)
- Introduction to Indian literature: ancient texts, poetry, and contemporary authors through reading and multimedia resources.
- Celebration and understanding of major Indian festivals (Diwali, Holi, Eid, Christmas, etc.)
Exploring the cultural significance and rituals associated with festivals
- Group discussions on the different genres and styles of Indian literature.
- Create a class chart on the famous Indian poets, authors, and their literary works.
- Art workshop on Indian traditional art forms such as Madhubani, Warli, and Pattachitra.

4. Indian Philosophy and Religion

Objective: To introduce students to the diverse religious and philosophical traditions of India.

Activities: • Introduction to Indian philosophy and religion through multimedia resources. • Group discussions on the different schools of Indian philosophy and their key ideas. • Create a class chart on the major religions of India such as Hinduism, Buddhism, Jainism, and Sikhism. • Role-play or debate on different philosophical concepts such as karma, dharma, and moksha.
Assessment: The assessment of the Indian Heritage and Civilization curriculum will be based on various activities such as class participation, group discussions, assignments, and projects. The evaluation will be based on the depth of understanding, critical thinking, and creativity demonstrated by students in their responses to the curriculum. The assessment will be continuous and ongoing throughout the year, with regular feedback provided to students to improve their learning experience.
Conclusion: The School Integrated Annual Curriculum and Pedagogical Plan for Indian Heritage and Civilization aims to provide a comprehensive and engaging learning experience for students, designed to nurture their curiosity and appreciation of India's rich cultural and historical heritage. This curriculum will enable students to develop an understanding of India's diverse cultural and intellectual traditions, which will foster respect, empathy, and tolerance towards different cultures and religions.

14. Addressing diversity in the classroom

Classrooms present myriads of diversities; therefore, every year school evolve educating procedures to cater to this need. It will help in profiling the student, subsequently, lead to special arrangements which would be made to appreciate diversity and promote equity in the classroom and beyond. Scheme for taking care of diversity in class is presented below:

▪ Knowing the students

School has planned to understand and acknowledge diversity right from incumbency of the students in the school. Elaborate data to be collected by admission executive:

▪ Administrative department

- Data accumulation about the student from parents, previous school records and performance in the entrance test/interaction with the teacher.
- Information about the background and family composition.

▪ Academic department

- Documented information would be shared with the department head and from there to the class teacher, who will disseminate the filtered (relevant for the subject teacher) information from there to the subject teacher and counselling unit.
- Profiling of the student on the basis of behaviour in the classroom and activity classes (through observation and interaction).
- Other sources of information would be group personality test, learning style questionnaire (Development of the questionnaire in the pipeline) and identification of prominent intelligence (out of eight intelligence). Availability of resources would impose limitation in implementation.

- According to the profiling physical arrangements, individualised instructions (as per learning style), incorporation of prominent MI in the subject taught can be done.
- Analysis at this level facilitates the identification of the student with special needs. These students are referred for the different procedure leading to a specified intervention plan.

▪ **Additional activities**

- Sensitisation activities in the class (students can present information about their culture, faith region etc in the form of presentation or session)
- Special assemblies (already in practice)
- Session for teachers to promote cultural sensitivity.

15. Requirements for Remedial Classes

15.1 Classes I and II

Remedial programs are used to address gaps in basic skills. Remedial instruction can help struggling learners shore up their basic skills. Keeping in the mind the learning ability of the children few remedial steps will be taken up by the school, twice a week during the zero periods, to help children improve their grades. They are as follows:

- Step by step explanation of the concept would be done separately with the students who face problems.
- Individual attention to be given to slow learners and assist them whenever required. 15 minutes extra to be given to those children who have trouble comprehending the language.
- Change the strategy for explanation and try a different one for better explanation.
- Special educator to intervene where the child is facing a problem in a specific area like retention power or dysgraphia (difficulty in copying words down, formation of letters)
- To inculcate more of visual learning so it is more relatable and helps the child to remember for a longer period of time.

15.2 PRIMARY CLASSES

The significance and need of remedial education in Primary classes may not be as grave as in classes VI and above but their requirement certainly cannot be ignored. Most of the students in Primary classes may not require heavy and rigorous remediation but they assuredly need regular, short yet comprehensive remedial sessions. The curriculum in these classes being lighter in content, is more fun, activity and experience based, therefore the number of students who require regular remediation is not very large but usually there is a different set of students who need remedial as a consequence of low attendance due to medical reasons or some unavoidable circumstances.

The time-table for subject wise weekly test and remedial classes to be followed in the session 2024-25 has been prepared by the Time- table In-charge as per the instructions of the Principal and will come in effect from the second week of April.

The list of students who have been recognised as ones who need regular support in their learning as a consequence of any kind of learning disability has been prepared by the Counsellor and will be updated periodically for the new students. These students will be a part of weekly remedial classes conducted by subject teachers and their performance will be monitored closely. The Special

Educator will also conduct class wise remedial sessions at least thrice a week to fulfil the special needs of those students whose needs are not met in the class remedial sessions.

15.3 CLASSES VI TO VIII

Remedial planning is the integral part of school academics, where students are given equal and individual attention as a part of the teaching learning process. For this year, the remedial planning is done in a more strategic manner taking into the consideration of last year reports and more workable as well as practical approach which will be followed to bring more authentic results for the students and right amount of learning will takes place as per the individual needs, which will be seen in the performance of the children through their pen and paper results. Initially for the two months of the session the students will be identified by the teachers teaching various subjects on the certain parameters or the patterns seen in the children by the teachers.

A few are as follow:

- Feedback from the Class teacher given by the end of the year
- Classroom participation as well as participating in group discussions • Submission of work on time. Self-initiative for any task assigned in the class.
- Responding to the questions directly asked by the concern subject teachers.
- Certain pattern of work seen in the notebooks along with class test performance
- Asking for doubts or clarification of the concepts taught in the class.

After Analysing parameters as mentioned above along with the feedback given by the subject teachers the students will be identified and special classes week wise will be conducted for each subject with more individual attention given to them in a smaller group.

Guidelines for teachers for academically low performers.

- Create a threat free environment where the child, whose confidence is low, will be able to ask or speak openly also cater to the students with the different learning styles
- They will be taught the content in a step-by-step method.
- Regular review /recap and practice worksheets will be given.
- Small group instructions will take place which will offer individual attention. Along with the peer teaching
- Regular competition, rewards and giving the responsibility which will be set for these students on month wise bases to get better results.
- Usage of technology (Videos) would also be used for better understanding of the concepts done in small groups.
- Parents will be involved and progress will be discussed on a monthly basis. Recap of the topics will be done at home with the parent's support.

After half yearly exams the children who show progress will be part of the regular classroom and would be monitored on fortnightly basis in order to ensure that consistency is there in their academic progress. The students whose progress would not be up to the mark, a more strategic plan will be implemented for them for the preparation of annual exams.

Learning Outcomes:

- Student's goals will be made high but attainable along with the ways to find the intrinsic motivation
- Controlled practice will be given to the students for the concept taught on weekly bases.

- Students will be taken for some more special tests to check for their IQ levels.
- Moderation of test papers, more time devotion during pen and paper test will be given.

Further to the above mentioned, those will be taken under special educator along with the teacher intervention to bring the academic results for the students as per the class level.

15.4 Classes IX and X

Avalon World School, Waghodia includes the Remedial classes with the routine subject classes to identify and improve wherever a student shows the scope for improvement. Keeping in line with the same, the following is the remedial plan for session 2025-26.

- 1) Students' identification (first week of April) will be done on the basis of
 - i) Previous teacher's feedback
 - ii) Response in class
 - iii) Oral tests
 - iv) Participation in class discussions
- 2) Two remedial classes will take place every week – one for assessing the students and another to reiterate the important points for remembering.
- 3) Those students, who have a pattern in making mistakes while answering, or some particular dislike about a subject and proficiency in other subjects will be identified by the subject teachers so that they can plan remedial teaching for them.
- 4) Cases of the students with particular learning difficulties will be identified before the summer break and information will be given to the student's counsellor.
- 5) The teachers will focus more on the practical aspects of the theoretical knowledge to increase the interest of the students in that particular subject.
- 6) A 5-minute doubt clarification session will be included in the regular classes.
- 7) After the first class test, May 2025 the subject teachers will find out the students who have performed below average and match it with their previous performance.
- 8) The parents of those students who have performed below average, will be informed about better ways of learning /understanding the concepts during the Parent Teacher's meeting, they'll also be asked to keep vigilance about the study routine of the student at home.
- 9) The teachers will make a special remedial plan for students who could not perform well.
- 10) These special remedial classes will be conducted for 2 weeks, scheduled in the Zero period.
- 11) The efficacy of the remedial classes will be checked in the half yearly examinations. If the students have performed better than the same, two classes a week will continue. If they have not performed better, more special remedial classes will be planned.
- 12) For class IX, the Science and Maths teachers will take more concept clarification sessions in their normal teaching schedule.
- 13) For class X, after the Pre-board I and II, special remedial classes will be conducted for the students who could not perform well. Model question papers will be given in all the subjects so that they can get good practice.

16. VARIOUS ACTIVITIES IN AVALON WORLD SCHOOL

16.1 LIST OF COMPETITIONS/ ACTIVITIES/ CELEBRATIONS (2025-26)

Sr. No.	DATE	EVENT
1	01-04-2025	Commencement of New Academic Session 2025-26
2	02-04-2025	Cyber Security organized by Crime Department Police Station Waghodia (Grade VIII–X).
3.	12-04-2025	Inter-House Competition (Drawing).
4.	17-04-2025	Bharatiya Rhyme & Poem Competition: Bachpan Ki Kavita (CBSE).
5.	19-04-2025	VASUTTI Workshop.
6.	20-04-2025	Inter-House Result Declaration.
7.	21-04-2025 to 26-04-2025	Language Week Celebration.
8.	22-04-2025	Poshan Abhiyan (National Nutrition Mission) CBSE.
9.	25-04-2025	CBSE Science Challenge (R.1)
10.	26-04-2025	Inter-House Competition (Group I: Science Quiz, Group II: Patriotic Group Dance, Group III: Science Working Model, Group IV: Semi-Classical Dance)
11.	30-04-2025	Annual Award Ceremony.
12.	01-05-2025	Fire Safety Drill for Classes VI–X.
13.	03-05-2025	Samyaya 3: In-House Symposium (Waghodia & Dabhoi).
14.	05-05-2025- to 20-05-2025	Summer Camp.
15.	08-0-2025	CBSE Science Challenge (R.2).
16.	09-06-2025	School Reopens.
17.	12-06-2025	Inter-House Competition (Selection Round: Group 1: Fashion Show, Group 2: Hindi Poem Recitation, Group 3: Folk Song Competition, Group 4: Maths Quiz).
18.	19-06-2025	National Reading Day
19.	20-06-2025	World Yoga Day & Music Day.
20.	21-06-2025	PTM (I–VIII).
21.	10-06-2025	STEM Education Workshop at Navrachana (Sama) accompanied by Ms. Nidhi.
22.	13-06-2025	Watermelon Day (Pre-Primary).
23.	14-06-2025	Hindi Workshop in DPS Kalali accompanied by Ms. Anita, Ms. Priyanka, Ms. Alka.
24.	27-06-2025	Foundation Day & Investiture Ceremony.
25.	28-06-2025	Pinnacle Interschool Competition at Cygnus and Interschool Competition at DPS Harni.
26.	01-07-2025	Doctor's Day.
27.	03-07-2025	Inter-House Competition (Selection Round: Group 1: Hindi Poem Recitation, Group 2: English Poem Recitation).
28.	07-07-2025	Inter-House Competition (Group 3: Patriotic Dance, Group 4: Just a Minute).

29.	11-07-2025	Red Day (Pre-Primary).
30.	12-07-2025	PT-1 (Grade IX to XII).
31.	12-07-2025	English Language Enrichment Workshop accompanied by Ms. Kirti, Ms. Anjali & Ms. Harshita at DPS Harni.
32.	16-07-2025	Virtual Inspection for Additional Subject (Science Stream).
33.	18-07-2025	Shapes Day (Pre-Primary)
34.	18-07-2025	Green India Mission Art Competition.
35.	18-07-2025	IT Khoj Exam.
36.	19-07-2025	Account Workshop at Cygnus World School accompanied by Ms. Anamika.
37.	26-07-2025	PTM (Grade IX to XII).
38.	26-07-2025	Inter-School Competition at Anand Prep Academy 'Nanhe Sitare' accompanied by Ms. Mittal.
39.	24-07-2025	Pink Day (Pre-Primary).
40.	30-07-2025	Kenken Orientation Exam.
41.	01-08-2025	Exhibition at DPS Harni for Grade VIII accompanied by Ms. Kanchan and Ms. Pooja Limboo.
42.	01-08-2025	Kala Mahakumbh Competition accompanied by Ms. Gargi, Mr. Manjit & Mr. Subhash
43.	02-08-2025	Nanhe Sitare (Pre-Nursery to Grade II) accompanied by Ms. Shrijaya.
44.	05-08-2025	Raksha Bandhan Celebration (Pre-Primary).
45.	11-08-2025 to 15-08-2025	Social Science Week.
46.	12-08-2025	Veeraanjali Season-4 at Sapphire Global School accompanied by Gargi Madam.
47.	04-08-2025	SGFI Karate Competition.
48.	05-08-2025	SGFI Karate & Volleyball Competition.
49.	06-08-2025	SGFI Table Tennis Competition.
50.	07-08-2025	SGFI Skating Competition.
51.	11-08-2025	SGFI Swimming Competition.
52.	18-08-2025	SGFI Lawn Tennis Competition.
53.	14-08-2025	Independence & Janmashtami Celebration (Pre-Primary).
54.	15-08-2025	Independence Day Celebration (Grade I–XII).
55.	21-08-2025	SGFI Athletics Competition.
56.	21-08-2025	SGFI Chess Competition.
57.	24-08-2025	Kenken City Round Orientation.
58.	23-08-2025	Hindi Workshop @ Sanskar School accompanied by Ms. Anita & Ms. Priyanka.
59.	23-08-2025	Interschool competition Tech Trek 2 at DPS Vadodara accompanied by Ms. Arshdeep.
60.	12-08-2025	Atal Tinkering Lab Activity, Rally of <i>Har Ghar Tiranga</i> .
61.	14-08-2025	Certificate of Atal Tinkering Lab received.
62.	21-08-2025	Teachers' Conclave organized by ICHA, accompanied by Ms. Pooja Limboo.
63.	25-08-2025	Adarsh Bano workshop accompanied by Ms. Arshdeep.

64.	25-08-2025 to 30-08-2025	IT Week.
65.	25-08-2025	Ganesh Chaturthi Celebration (Pre-Primary).
66.	20-08-2025	District Level Kala Mahakumbh Competition.
67.	29-08-2025	National Sports Day celebration.
68.	30-08-2025	STEM Workshop @ DPS Kalali accompanied by Ms. Tara & Ms. Kanchan.

16.2 LIST OF INTER-HOUSE COMPETITIONS & CLUB ACTIVITIES (2025-26)

S.NO	DATE	EVENT
1	12-04-2025	Open for all -Drawing Competition (Go Green)-Group-1, Poster Making Competition (Reduce, Reuse and Recycle)-Group 2, Rangoli Design/Warli Art- Group 3, Collage: (O) Nature Art Using Things from Nature- Group-4
2.	26-04-2025	Science Quiz (G)-Group-1, Patriotic Dance (G)-Group-2, Working Model (Science) (S)-Group-3, Semi Classical Dance (S) -Group-4
3.	28-06-2025	Fashion Show Famous Personality (S)-Group-1, Hindi Poem Recitation (S)-Group-2, Folk Song (S) Competition-Group-3, Math Quiz (G)-Group-4
4.	12-07-2025	Hindi Poem Recitation-Group-1, English Poem Recitation-Group-2, Patriotic Dance (G)-Group-3, 'Just A Minute' (S)-Group-4
5.	26-07-2025	Spell Bee-Group-1, Math Quiz (G) Competition-Group-2, Vivaranika (Brochure Making-Hindi) (G)Tourist Places in India -Group-3, Video Making (G) "India of my Dreams"-Group-4
6.	07-08-2025	Patriotic Song Competition-Group-1, Character from My Favourite Book (S)-Group-2
7.	15-08-2025	Tableau (G)-Group-3, Tableau (G)-Group-4
8.	23-08-2025	Little Chef: Salad Decoration-Group-1, Art with Spices (O) Competition-Group-2, Dress Designing with newspaper (G)-Hindi (G)Tourist Places in India -Group-3, Hindi Hasya Kavita (S)-Group-4
<u>CLUB ACTIVITIES</u>		
1	24-04-2025	Club Activities Gr. I to XII
2.	19-06-2025	Club Activities Gr. I to XII
3.	10-07-2025	Club Activities Gr. I to XII
4.	24-07-2025	Club Activities Gr. I to XII
5.	14-08-2025	Club Activities Gr. I to XII
6.	21-08-2025	Club Activities Gr. I to XII
7.	28-08-2025	Club Activities Gr. I to XII