1. Information about the school

Basic			
Name of School		AVALON WORLD SCHOO	OL WAGHODIA
		AVALON WORLD SCHOO	L WAGHODIA.
		VADODARA-WAGHO	
• Address		391760 (G	
Phone Number		7574833661 /	70
• Website		www.awswaghod	lia.com
• Email Id		info@awswaghod	lia.com
Name of the Principal		Dr. RK. SHAKY	A
• Email ID		principal@awswagh	odia.com
• School Affiliation no.		430360	
School Code		10339	
Year of affiliation		01/04/2018	3
Validity of affiliation		31/03/2026	5
2 Total number of students	485	Boys 287	Girls 198

1.3 Class-wise details

Student Strength 2024-25

Class	Boys	Girls	Strength
PN	07	10	17
NUR	14	10	24
PREP	19	09	28
I - A	17	12	29
I - B	16	10	26
II - A	10	16	26
II - B	16	10	26
III - A	14	10	24
III - B	13	11	24
IV - A	15	09	24
IV - B	17	07	24
V - A	13	11	24

V - B	11	13	24
VI - A	13	10	23
VI - B	15	07	22
VII - A	13	06	19
VII - B	14	06	20
VIII - A	10	07	17
VIII - B	09	08	17
IX - A	14	10	24
X - A	17	05	22
XI - A	00	01	01

1.4 Box	ard Exam Gra	ade X Results	- Last Four Y	ears
Year	2020-21	2021-22	2022-23	2023-24
Total No. of	14	20	16	28
Students				
No. Of	14	20	16	28
Students				
appeared				
No. of	14	20	16	28
Students				
Passed				
Passed	100%	100%	100%	100%
Percentage				

	1.5 Teachers Details	
S.No.	Category/ Designation	No. of Teachers
1	PGT	02
2	TGT	13
3	PRT	10
4	NTT	04
5	PET	02
6	Special Educator	01
7	Counsellor	01
8	Librarian	01
Total		34

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.

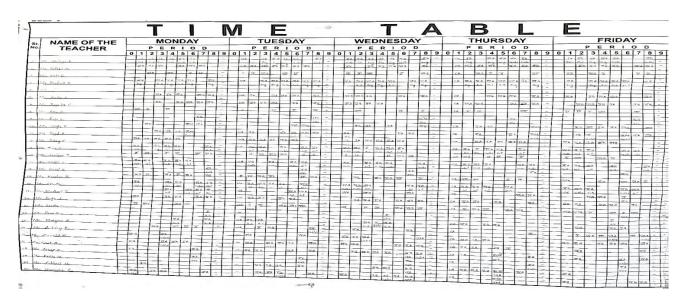
- Well-designed learning programme, subject enrichment activities, and value-based education aligned with the school curriculum and vision of the organization.
- Learner-centred approach to education; conducive academic environment and progressive outlook.
- Integration of technology in education.
- 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
MIDDLE STAGE (GRADE VI TO VIII)	ENG, HINDI, MATHS, SCIENCE, SOCIAL SCIENCE, GUJARATI, SANSKRIT, ART & CRAFT, DANCE & MUSIC, GK, COMPUTER SCIENCE (AI)
SECONDARY (GRADE IX & X)	ENG, HINDI, MATHS, SCIENCE, SOCIAL SCIENCE, ART & CRAFT, DANCE & MUSIC, INFORMATION TECHNOLOGY

7. Class-wise section-wise timetable is attached at Appendix



	33		AV	ACADEMIC	SESSION 202 ME TABLE RADE I A				
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		ASSEMBLY	ст	English	Mathematics	Music		EVS	Hindi
TUESDAY	O M	WA		ст	Hindi	Mathematics	R	Art & Craft	English
WEDNESDAY	E R	ASSEMBLY	ст	Hindi	Mathematics	English	C E	EVS	Gujarati
THURSDAY	0 0 M		СА/НА		Mathematics	Dance	5	Library	A.I.
FRIDAY	-	ASSEMBLY	ст	EVS	Hindi (ASL)	English (ASL)		Swimm	ing/P.E
		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		на	мр	RECESS	EVS	G.K/V.E	P.E.
4th SATURDAY		HOMEROOM		на	MD	RECESS	Hindi	G.K/V.E	English

	AB.					ADEMIC SE TIME	SCHOOL W SSION 202 TABLE DE II A	VAGHODIA 4-25					
DAY/TIME	8:00 AM TO 8:05 AM	8:05 AM TO 8:20 AM	8:20 AM TO 8:30 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 12:10 PM	12:10 PM TO 12:20 PM	12:20 PM TO 12:55 PM	12:55 PM TO 01:30 PM	01:30 PM TO 02:05 PM
PERIOD			0	1	2	3		4	5		6	7	8
MONDAY		ASSEMBLY	ст	G.K./V.E.	English	P.E.		Hindi	Mathematics	S H	Library	EVS	Music
TUESDAY	O M	WA		ст	English	P.E.	R	Music	Hindl	O R	Ubrary	EVS	Mathemati
WEDNESDAY	E R	ASSEMBLY	ст	Mathematics	Al.	Gujarati	C E	Dence	Art & Craft	Т в	Hindi	English	evs
THURSDAY	0 0 M		CA/HA	CA/HA		Hindi	5	Swi	mming/P.E	R E	Mathematics	English	evs
FRIDAY		ASSEMBLY	ст	Dance	AL	P.E.		English	Mathematics	K	tvs	Hindi	Gujarati
		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		на	МО	RECESS	evs	Art & Craft	Hindi				
eth SATURDAY		HOMEROOM		на	MO	RECESS	Dance	Hindi	EVS	1			

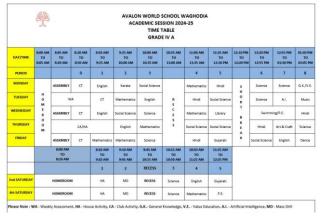
Please Note: WA - Weekly Assessment, HA - House Activity, CA - Club Activity, G.K.- General Knowledge, V.E. - Value Education, A.I. - Artificial Intelligence, MD - Mass Drill

	23					V WORLD SC DEMIC SESSI TIME TA GRADE I	ON 2024-2 BLE						
DAY/TIME	SIGO AM TO SIGS AM	8:95 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 30:35 AM	10:35 AM TO 11:00 AM	11:00 AM TO 11:35 AM	11:35 AM TO 12:10 PM	12:10 PM TO 12:20 PM	12:20 PM TO 12:55 PM	12:55 PM TO 01:30 PM	01:30 PM TO 02:05 PM
PERIOD			0	1	2	3		4	5		6	7	8
MONDAY		ASSEMBLY	а	Mathematics	Science	Hindi		G.K,V.E.	Social Science	S H	Science	Gujarati	Library
TUESDAY	Н О М	W	WA		CT AL	Social Science	R	Dance	Mathematics	O R	English	Science	Hindi
WEDNESDAY	E R	ASSEMBLY	σ	Music	P.E.	Science	C E	Social Science	Mathematics	T B	English	Hindi	Mathematics
THURSDAY	0 0 M		CA/HA		Science	Social Science	5	English	English	R E	Hindi	Mathematics	Social Science
FRIDAY		ASSEMBLY	σ	Art & Craft	Social Science	Science		English	Mathematics	K	S	wimming/P.E.	Hindi
		8:00 AM TO 8:30 AM		8:10 AM TO 9:10 AM	9:10 AM TO 9:45 AM	9MS 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		на	MD	RECESS	Hirdi	English	Art & Craft				
am SATURDAY		HOMEROOM		на	MD	RECESS	Guiarati	AL	Music				

	ás.		A						
DAY/TIME	8:00 AM TO 8:03 AM	8:05 AM TO 8:20 AM	8:20 AM TO 8:50 AM	8:50 AM TO 9:23 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 11:83 AM	11:35 AM TO 12:20 PM
PERIOD			0	1	2	3		4	5
MONDAY		ASSEMBLY	ст	Dence	English	evs		Hindi	Mathematic
TUESDAY	0 M	WA		cT CT	Hindi	English	:	Methometics	Art & Craft
WEDNESDAY		ASSEMBLY	ст	Mathematics	evs	Hindi	c E	Music	English
THURSDAY	0 0 M		CA/HA		English	Ubrary	S S	Gujereti	Mathematic
PRIDAY	- 30000	ASSEMBLY	ст	AJ.	evs	Hindi		Swimm	ing/F.E.
		8:00 AM TO 8:10 AM		8:10 AM TO 9:10 AM	2:10 AM TO 2:45 AM	2:45 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		номекоом		на	MD	mecess	Gujerati	G.6/V.8	P.E.
415 SATURDAY		номелоом	3	HA	MP	RECESS	evs	6.6/4.5	Crelish

	48					ADEMIC SE TIME	SCHOOL W SSION 2024 TABLE DE II B						
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 12:10 PM	12:10 PM TO 12:20 PM	12:20 PM TO 12:55 PM	12:55 PM TO 01:30 PM	01:30 PM TO 02:05 PM
PERIOD			0	1	2	3		4	5		6	7	8
MONDAY		ASSEMBLY	σ	Ubrary	Art & Craft	P.E.		Music	English	S H	Mathematics	Hind	EVS
TUESDAY	O M	w	/A	ст	Dance	P.E.	R	English	G.K./V.E.	O R	Mathematics	EVS	Hindi
WEDNESDAY	E	ASSEMBLY	ст	All	Gujarati	English	C E	Art & Craft	Dance	В	Mathematics	Hind	EVS
THURSDAY	0 0 M		CA/HA	СА/НА		English	5	Swimming/P.E		R E A	Hindl	Mathematics	EVS
FRIDAY		ASSEMBLY	ст	Music	English	P.E.		Gujarati	A.I.	ĸ	EV5	Hind	Mathemati
		8:00 AM TO 8:10 AM		8:30 AM TO 9:30 AM	9:10 AM TO 9:45 AM	9:45 AM TO 10:15 AM	10:15 AM TO 10:50 AM	10:30 AM TO 11:25 AM	11:25 AM TO 12:25 PM				
				1	2	RECESS	3	4	5				
2nd SATURDAY		HOMEROOM		на	MD	RECESS	evs	Dence	Hindi				
4th SATURDAY		HOMEROOM		на	MD	RECESS	Art & Craft	Hindi	EVS	1			

	#					N WORLD SC DEMIC SESSI TIME TA GRADE I	ION 2024-2 BLE						
DAY/TIME	BIOD AM TO BIOS 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	30:00 AM TO 30:35 AM	10:35 AM TO 11:00 AM	11:00 AM TO 11:35 AM	11:35 AM TO 12:10 PM	12:10 PM TO 12:20 PM	12:20 PM TO 12:55 PM	12:55 PM TO 01:30 PM	01:30 PM TO 02:05 PM
PERIOD			0	1	2	3		4	5		6	7	8
MONDAY		ASSEMBLY	σ	Science	Gujarati	Mathematics		Social Science	Library	S	Dance	English	Hind
TUESDAY	н о м	v	IA.	σ	Hindi	English	R (G.K./V.E.	Social Science	O R	Mathematics	Music	Science
WEDNESDAY	E R O	ASSEMBLY	σ	Hndi	P.E.	Mathematics	C E	English	Science	T B	Science	Social Science	Social Scien
THURSDAY	0 M		CA/HA		Social Science	English	s s	AL	Science	E A	Mathematics	Hindi	Art & Craft
FRIDAY		ASSEMBLY	ст	Social Science	Science	Mathematics		Mathematics	English	î.	Swim	ming/P.E.	Hindi
		8:00 AM TO 8:10 AM		8:39 AM 10 9:39 AM	9:10 AM TO 9:45 AM	9:45 AM TO 10:15 AM	10:15 AM 10 10:50 AM	10:50 AM TO 11:25 AM	11:25 AM TO 12:25 PM			7.	
				1	2	RECESS	3	4	5				
2nd SATURDAY		HOMEROOM		на	MD	RECESS	Hindi	P.E.	Music				
8th SATURDAY		HOMEROOM		на	MD	RECESS	A.L.	Gujerati	Art & Craft				



	為高							2024-25	DIA				
DAY/TIME	8/00 AM TO 8/05 AM	B05 AM TO B20 AM	BI20 AM TO BISO AM	BGD AM TO 9:25 AM	9:25 AM TO 10:00 AM	10:00 AM TO 30:35 AM	10:35 AM TO 11:00 AM	11:00 AM TO 11:05 AM	11:35 AM TO 12:30 PM	12:10 PM TO 12:20 PM	12:20 PM TO 12:55 PM	12:55 PM TO 01:30 PM	01:30 PM TO 02:05 PM
PERIOD			0	1	2	3		4	5		.6	7	8
MONDAY		ASSEMBLY	ст	Mathematics	Karate	Hindi		English	Science	s H	Swimm	ing/P.E.	Social Science
TUESDAY	н О М	w	A	ст	Science	Hindi	R	Methematics	Science	O R	Social Science	English	Dance
WEDNESDAY	E R O	ASSEMBLY	ст	Ubrary	Social Science	Social Science	C E S	Hindi	Mathematics	8	Music	English	Science
THURSDAY	0		CA/HA		Science	Gujarati	5	Art & Craft	Social Science	R E A	Hindi	English	Mathematics
FRIDAY		ASSEMBLY	cr	Mathematics	Mathematics	Science		GK/V.E.	Hndi	ĸ	AL.	Social Science	English
		BIOD AM TO B:10 AM		BIB AM TO 9:10 AM	9:10 AM TO 9:45 AM	945 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	- 8	HOMERDON		на	MD	RECESS	Science	Music	Library				
4th SATURDAY		HOMEROON	10	на	MD	RECESS	English	Social Science	Dance				

	ALA					CADEMIC S		WAGHODIA 024-25					
DAY/TIME	BIOD AM TO BIOS AM	BIOS AM TO BIOS AM	8:20 AM TO 8:50 AM	BISO AM TO 9:25 AM	9:25 AM TO 10:00 AM	10:00 AM TO 30:35 AM	10:35 AM TO 11:00 AM	11:00 AM TO 11:15 AM	11:35 AM TO 12:10 PM	12:30 PM TO 12:20 PM	12:20 PM TO 12:55 PM	12:55 PM TO 01:30 PM	01:30 PM TO 02:05 PM
PERIOD			0	-1	2	3		4	5		6	7	- 8
MONDAY		ASSEMBLY	ст	Hindi	Karate	Science		Social Science	Mathematics	S H	Science	Social Science	English
TUESDAY	н о м	w	Α.	ст	Social Science	English	R E C E S	Science	Hindi	O R	Mathematics	Gujerati/Sanskrit	Science
WEDNESDAY	E R	ASSEMBLY	ст	Mathematics	Al.	GK/V.E.		Science	Hindi	1	Social Science	English	English
THURSDAY	0 0 M		са/на		English	Mathematics		Mathematics	VPA	E	Swimming/P.E.		Hindi
FRIDAY		ASSEMBLY	ст	Hindi	Social Science	AL		Mathematics	Library	ĸ	Gujarati/Sanskrit	Science	Social Scien
		8:00 AM TO 8:10 AM		8:30 AM TO 9:30 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		HOMEROON	4	Library	MD	RECESS	Hindi	English	на				
4th SATURDAY		HOMEROON	4	Dance	MD	RECESS	Science	AL	на	1			

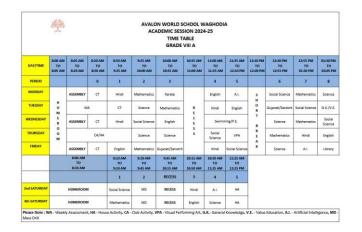
	83					00000			DIA				
DAY/TIME	8:00 AM TO 8:05 AM	8:05 AM TO 8:20 AM	8:20 AM TO 8:50 AM	8:50 AM TO 9:25 AM	9:25 AM TO 10:00 AM	10:00 AM TO 10:35 AM	10:35 AM TO 11:00 AM	11:00 AM TO 11:35 AM	11:35 AM TO 12:10 PM	12:10 PM TO 12:20 PM	12:20 PM TO 12:55 PM	12:55 PM TO 01:30 PM	01:90 PM TO 02:05 PM
PERSOD			0	1	2	3		4	5		6	7	8
MONDAY		ASSEMBLY	ст	English	Social Science	Karate		Science	Hindi	s	Gujarati/Sanskrit	Hindi	Mathematic
TUESDAY	H O M	w	Α	ст	Library	Mathematics	R E C E	Hindi	Social Science	O R	Social Science	Science	English
WEDNESDAY	E R	ASSEMBLY	ст	Science	Mathematics	English		Swimm	ing/P.E.	T B	Social Science	Science	A.L.
THURSDAY	0 0 M		са/на		Hindi	Social Science	5	Mathematics	VPA	R E A	English	Science	Gujarati/Sa krit
FRIDAY		ASSEMBLY	ст	Mathematics	Hindi	English		A.L.	GK/V.E.	ĸ	Mathematics	Social Science	Science
		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		HOMEROON	4	Mathematics	MD	RECESS	English	Social Science	на				
4th SATURDAY		HOMEROON	4	At	MD	RECESS	Hindi	Science	на				

						N WORLD ADEMIC SES TIME	SION 2024						
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 12:10 PM	12:10 PM TO 12:20 PM	12:20 PM TO 12:55 PM	12:55 PM TO 01:30 PM	01:30 PN TO 02:05 PN
PERIOD			0	1	2	3		4	5		6	7	8
MONDAY		ASSEMBLY	ст	Science	Karate	A.I.		G.K./V.E.	Social Science	S	English	Mathematics	Hindi
TUESDAY	O M	w	A	ст	Science	Art & Craft	R E	English	Science	O R	Social Science	Library	Hindi
WEDNESDAY	E R O	ASSEMBLY	ст	Mathematics	Mathematics	Dance	C E S	Gujarati	Social Science	Т	Swimmi	ng/P.E.	English
THURSDAY	0 M		CA/HA		Hindi	Social Science	s	Science	Hindi	R E A	Science	Mathematics	English
FRIDAY		ASSEMBLY	ст	English	Mathematics	Music		Social Science	Social Science	ĸ	Mathematics	Science	Hindi
		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		HOMEROON		НА	MD	RECESS	English	Library	Gujarati				
4th SATURDAY		HOMEROON	4	на	MD	RECESS	Mathematics	Music	P.E.				

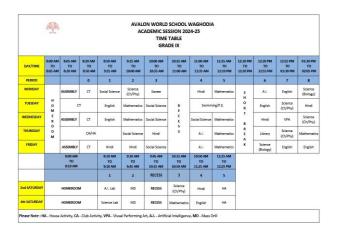
	A B					CADEMIC TIN			DIA				
DAY/TIME	BOO AM TO 8:05 AM	8:05 AM TO 8:20 AM	BI20 AM TO BIS0 AM	8:50 AM TO 9:25 AM	9/25 AM TO 10/00 AM	10:00 AM TO 30:35 AM	10:35 AM TO 11:00 AM	11:00 AM TO 11:35 AM	11/35 AM TO 12:10 PM	12:10 PM TO 12:20 PM	12:20 PM TO 12:55 PM	12:65 PM TO 01:30 PM	01:30 PM TO 02:05 PM
PERIOD			0	1	2	3		4	5		-6	7	8
MONDAY		ASSEMBLY	ст	Science	Karata	English	R E C E	Mathematics	Social Science	S H	Swimm	ing/P.E.	Science
TUESDAY	н о м	w	A	ст	Mathematics	GK/VE		Science	English	O R	Hindi	Art & Craft	Social Scien
WEDNESDAY	M E R	ASSEMBLY	ст	English	Hnd	Hindi		Mathematics	Social Science	T B	Library	Science	Mathemat
THURSDAY	0 M		CA/HA		AL	Science		Social Science	Methematics	E A	English	Social Science	Dance
FRIDAY		ASSEMBLY	ст	Science	Gujarati	English		Hindi	Methematics	î k	Social Science	Hindi	Music
		BIGG AM TO BIGG AM		8:10 AM TO 9:10 AM	9:10 AM TO 9:65 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				
SATURDAY	- 1	HOMEROOM		на	MD	RECESS	Dance	Music	Library				
SATURDAY		HOMEROON		HA	MD	RECESS	Social Science	Mathematics	English				

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PERIOD			0	1	2	3		4	5		6	7	8
MONDAY		ASSEMBLY	ст	Social Science	Karate	Mathematics		gx/vz.	Mathematics	5	Hindl	English	Social Scien
TUESDAY	н о м	w	A	ст	Social Science	Science	R E C	A.L.	Mathematics	0 R	english	Gujarati/Sanskrtt	Hindi
WEDNESDAY	E R	ASSEMBLY	cr	Mathematics	Science	Social Science	C E	Mathematics	Science		English	A.L.	Ubrary
THURSDAY	0 0 M	CA/HA			Science mindi S English VPA		E A	Swimming/P.E.		Hild			
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PERIOD			0	1	2	3		4	5		6	7	8
MONDAY	н	ASSEMBLY	ст	AL	Mathematics	Karate		Science	Social Science	S H	Gujarati/Sanskrit	Hindi	English
TUESDAY	0 M	W	rA.	ст	Mathematics	Science	R E C E S	Mathematics	Library	O R T	Hindi	English	Science
WEDNESDAY	E	ASSEMBLY	ст	Social Science	Hindi	Science		Swimm	ning/P.E.		Hindi	Mathematics	English
THURSDAY	0 0 M		CA/HA		Mathematics	A.L.		Science	VPA	R	Social Science	Social Science	Gujarati/Sa krit
FRIDAY	M	ASSEMBLY	ст	Social Science	Social Science	English		Mathematics	Hindi	A K	English	Science	G.K./V.E.
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				1	2	RECESS	3	4	5				
2nd SATURDAY		HOMEROOF	м	AL	MD	RECESS	English	Mathematics	на				
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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 12:10 PM	12:10 PM TO 12:20 PM	12:20 PM TO 12:55 PM	12:55 PM TO 01:30 PM	01:30 PM TO 02:05 PM
PERIOD			0	1	2	3		4	5		6	7	8
MONDAY		ASSEMBLY	СТ	Social Science	A.L	Karate		G.K./V.E.	English	5 H	Hindi	Science	Mathemati
TUESDAY	н о м	w	Δ	ст	A.L.	English	R	Mathematics	Science	O R	Gujarati/Sans krit	Hindi	Social Scien
WEDNESDAY	E R O	ASSEMBLY	СТ	Social Science	Hindi	Science	C E S	Swimmi	ng/P.E.	T	Mathematics	Hindi	English
THURSDAY	0 M		СА/НА		Mathematics	English	s	Science	VPA	R E	Hindi	Social Science	Science
FRIDAY		ASSEMBLY	ст	Library	English	Gujarati/Sansk rit		Social Science	Science	ĸ	Mathematics	Mathematics	Social Scien
		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		HOMEROON	и	Art & Craft	MD	RECESS	Music	Mathematics	на				
4th SATURDAY		HOMEROON		Library	MD	RECESS	P.E.	Hindi	на				



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PERIOD			0	1	2	3		4	5		6	7	8
MONDAY		ASSEMBLY	ст	Mathematics	Hindi	Karate		Mathematics	Science (Ch/Phy)	5	English	LT.	Social Science (H/C)
TUESDAY	н 0 м	C	1	Science (Ch/Phy)	Social Science (Geography)	LT.	R	Swimm	ning/P.E.	O R	Hindi	Mathematics	Mathematics
WEDNESDAY	E	ASSEMBLY	ст	Mathematics	English	Science (Biology)	C E	Social Science (Economics)	Social Science (H/C)	T B	English	VPA	Hindi
THURSDAY	0 0 M		CA/HA		Hindi	Science (Biology)	s s	English	English	R E	Science (Ch/Phy)	Mathematics	Library
FRIDAY		ASSEMBLY	ст	Mathematics	LT.	Hindi	┤ '	English	Social Science (H/C)	î.	Social Science (Geography)	Hindi	Science (Ch/Phy)
		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				
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and SATURDAY		HOMEROOF	и	Science Lab	MD	RECESS	Mathematics	English	на				
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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		ASSEMBLY	Economics	English	Account	Account		Business Studies	Hindi/P.E
TUESDAY	H	Acco	ount	Hindi/P.E.	English	Economics	R	Business Studies	Business Studies
WEDNESDAY	M E R	ASSEMBLY	Hindi/P.E.	Economics	Economics	Hindi/P.E.	E	English	Account
THURSDAY	0 0 M	D English Hindi/P.E. English Business			s s	Account	Economic		
FRIDAY		ASSEMBLY	Business Studies	Business Studies	Hindi/P.E.	Account		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 AN TO 12:25 PN
				1	2	RECESS	3	4	5
2nd SATURDAY		HOMEROOF	и	Hindi/P.E.	MD	RECESS	Account	Business Studies	на
4th SATURDAY		HOMEROOF	и	English	MD	RECESS	Account	P.E.	на

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. 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 turntaking, 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. 	●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, 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. 	•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.

- •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 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 wellbeing.
- •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 preprimary 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 preprimary 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, vargpaheli, see the Picture and write word, shabad seedhi etc Poem Recitation 	 Students Reading, Listening and writing skills will be enhanced. Recite poems with correct Pronunciation. 	

•Loud Reading Sessions Read the chapter with • Cross -questions technique correct pronunciation and •Exercises on grammar topics. 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. •Count objects by making • Individual activities, working in groups of groups of tens and hundreds two, small group activities- Counting by **MATHEMATICS** grouping method through the grouping method. •Counting 1 to 100 in order. •Write counting from 1 to 100 • Arranging two-digit numbers in order. correctly. facts by drawing objects, • Apply the concept of place • Skip counting, repeated addition. value to arrange three-digit •Recognising and differentiating between numbers in ascending and 2D and 3D figures, create 2D shapes and descending order. describe their features. • Solve addition and subtraction Measure length and capacities of objects facts up to three-digit numbers using ruler, buckets etc. both in writing and mentally. • Using vocabulary learnt through Math • Apply the concept of skip concepts in English and EVS like quarter to, counting and repeated addition half past, fractional terms. to construct tables in daily life • Reading clock. Reading calendar. situations. •Observing patterns, Recording data, •Conclude that division is the Interpreting pictographs. 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	 Acquire the skills of listening, speaking, writing and thinking in an integrated manner. Identify characters and sequence of a story and ask relatable questions.
	Poem RecitationsLoud Reading SessionsRole Plays	 Recite poems individually or in groups with correct pronunciation, actions and

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	 Dramatizations Show And Tell Sessions Sight words reading Adjective Diary Dictations Of Words Spell Bee Writing Very Short Answers Based on Stories Comprehend Words & Their Meanings,	 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. 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

		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 ageappropriate 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 naturewalk 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 • Distinguish between different features of the birds. systems. • Display model of solar system • Understand the importance of • Group discussion about safety rules for various organs in Human body. different places. • Learn different properties and importance of air and water. • Learn how to be safe in different conditions and places. **SOCIAL** Individual activities, Working in groups Using the Pedagogical solutions, of two, small group activitiesthe students will be able to: **SCIENCE** Observations • To develop an understanding about the earth as the habitat of Exploration humankind and other forms of Story Telling • Role Plays/Dramatizations life. Questioning technique/ Sensitize towards the environment. Quiz •Know the value of resources Research work and will try to use them in a • Group Discussions justified manner. • Field trips • Learn the importance of using •Experience sharing sessions • Finding similarities and differences. eco-friendly vehicles minimizing air pollution. • Collecting objects. •Awareness about carpool to •Analyzing situations and suggesting reduce pollution possible results or solutions •Realize how the different • Art Integrated Projects 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. different State ways of transportation and communication and analyse how the ways have changed over the • Understand the importance of her/ his own region, state, and country in the global context. • Study of India's past, with references contemporary to 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
- in the newspaper, subtitles on news channels demonstrate their understanding in words.
- Spell and write trickier words, compose, ageappropriate 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

		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 ageappropriate 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 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 •Learn and memorize • Chart of Reproduction in Animals important facts on plant • Guess and find about animals and their survival • Develop hand coordination adaptation • Concept map to understand force, work and motor skill and energy with real life experience • Understand the life cycle of • Role play (solar system) various animals through • Puzzle (solar system) group study. • Group Discussion of safety at various • Enhance thinking ability and places motor skills • Build up confidence •Contribute in keeping the earth clean and green. SOCIAL SCIENCE Individual activities, Working in groups Using the Pedagogical solutions, the students will be of two, small group activitiesable to: Observations •Learn diversities Exploration the • Questioning technique nature. Ouiz Identify the landforms on the earth. •Story Telling •Role Plays/Dramatizations •Compare and contrast that • Research work physical features of the earth are based on its characteristics • Group Discussions and appearance. • Field trips • Visits with family Correlate the Himalayas with the role of •Experience sharing sessions elder's members in the family • Finding similarities and differences (providing protection and stand •Collecting objects, as pillars in times of difficulty. •Analysing situations and suggesting the correlate possible results or solutions mountains with the soldiers of • Poster making the country. •Collage making • Understand the importance of Utilization of waste her/ his own region, state, and • Awareness drives and activities country in the global context. •Questions and discussions based on critical thinking •Reading posters, pamphlets, signboards

• Art Integrated Projects

Appreciate the hardships faced by people in the desert and the beauty of the desert.

of

of

different

role

role

- 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

GUJARATI • Knowledge of all basic things like • Students Reading,		 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. Students Reading,
GUJAKAII • Knowledge of an basic things like • Students Reading,	** Knowledge of all basic things like 28	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.

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, Conjunctions and Tenses. Creative Writing: Notice Writing, Message Writing, Story Writing, Bio-Sketch, Formal & Informal Letter Writing. 	 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 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 selfevaluation 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. 19. Select appropriate synonyms and antonyms in writing. 20. Share their experiences on day to day activities, general topics in a sequential manner.
HINDI	 Group Discussion Picture Composition Poem Recitation	 Present their thought on general topics Make the short sentences with

	 Loud Reading Sessions Role Play Reading Headline of News Paper Story telling Dictations Of Words Short Paragraphs Cross Questions Technique Exercises on grammar topics. 	 the words Read the chapter with correct punctuations Present stories in the of skit by recognising the characters speaking their dialogues with expressions. 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 Using the Pedagogical solutions learn in small groups or individually The students will be able to by following means: develop: • Lab activities • Reasoning and analytical skills Puzzles Concept building Worksheets • Understanding of the concept • Model making • Application of the concept in real • Project work life situations • Multiple choice question • Scientific information • Research work Accuracy Ouizzes Apply correct methodology • Live experiments • Knowledge of the concepts • Group discussions • Knowledge demonstration • Pen paper tests • Clear understanding • Safety cards (First-Aid) • Live experiences • Telephone directory • Presentation • Discover and learn (Dancing Balls) • Creativity and aesthetic sense • Rocks similes • Organization of ideas • Let's solve the riddles (Quiz) / Poster making Assess situations and circumstances in • Joints replica with modelling clay order to provide first aid safely. • Measure the treasure Become aware about traffic and safety • World of simple machines rules to be followed. • Fun with Filter paper • Explain the role, functions of • Role play different institutions in life like police • Fun with shadow (shadow puppet) station, hospital, railway station, fire • Group discussion station and their contact numbers. • Able to Compare the different states • Do something drastic to cut the of matter and their properties like plastic (Waste segregation) 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 communication skills. **SOCIAL** Individual activities, Working Using the Pedagogical solutions, the students will be able to: SCIENCE groups of two, small group activities-Observations • To develop an understanding about the earth as the habitat of humankind Exploration • Questioning technique and other forms of life. • Realize the importance of the global Quiz grid to find the exact location of Story Telling • Role Plays/Dramatizations places and local time. •Analyse usage of google maps to • Research work trace the places in present times. • Group Discussions • Able to learn and memorize the • Field trips important facts related to the • Visits with family • Experience sharing sessions continents and Oceans • Finding similarities and differences Analyse and develop critical thinking for the need of the judicious • Collecting objects, utilization of resources available • Analysing situations and suggesting from hot deserts. possible results or solutions • Sensitize towards conservation of • Poster making wildlife in different forest regions • Collage making • Able to develop communication • Zero waste activity skills, curiosity and imagination, • Awareness drives and activities social skills & sharpen their memory. • Questions and discussions based on • Able to understand how day and critical thinking night and seasons occur Reading posters, pamphlets, • Students will be able to create signboards usable things using waste material. • Art Integrated Projects

		 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 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	L 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 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.	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 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 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.
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 	 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

	 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 situations. Explore the concept of symmetry and angles. 	 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 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	Students will be able to identify the different

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, 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.

- 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.
- 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.

CLASS VII

	 Exercises on grammar topic Poem Recitations Loud reading Role play Group Discussions Participate in school assembly 	 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.
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	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

prose Text of English literature. ideas in the written form Participate in class assembly, school using correct grammar and assembly, inter-school and intra vocabulary. school competitions. Evaluate the written text, Skimming, scanning and reading of able to comprehend the text the given text. as well as being able to use Learning the vocabulary of the text the read vocabulary in their from various sources and co relate to daily use of language. Speak in a confident manner the other text. and equally participate in Using of grammar through variety of situations (nouns, verbs, adjectives, debates, dramas and skits at pronouns, gerunds) all levels in groups or Think critically on inputs based on individually. reading and interaction and try to Ask and respond to the text provide suggestions/solutions to the read and be able to write in problems raised. their own language in the Know the features of various types of form of diary entry, report writing: messages, emails, notice, or dialogue writing. letter, report, short personal/ Think and relate to their biographical experiences. daily text and usage of it in Create their own stories, dramas, the correct manner in the skits, reports, poems, dialogues and written and oral form. scripts for Class VIII writing. 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, Speaking, reading, writing news talks, prose of Hindi literature. and thinking in a manner. Participate in class assembly, school Develop Listening skill by Listening Hindi audio. assembly, interschool and intra school competitions. Express the same in his/her Watch and listen to Hindi movies own language with correct and songs, documentaries, radio tone and voice modulation.

- 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).
- Know the features of various types of writing: messages, emails, notice, letter, report, vigypann, short personal/biographical experiences.
- Create their own stories, dramas, skits, poems, dialogues and scripts.

- 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.
- 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.

- 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

- To explore criteria for congruence of triangles using a set of triangular cut decimals. outs. To multiply two rational numbers by drawing shapes in rows. real life. To determine the area of a closed figure using dotted paper. transversal. of figures. numbers.
 - integers to multiplying
 - Students will be able to learn how to apply probability in
 - Students will be able to learn how to apply the different angles made by the
 - 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
 - Students will be able to learn how to multiply rational
 - 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

Using the Pedagogical solutions, the students are be able to:

- Describe the different organs where digestion takes place.
- Explain the process of obtaining silk fabric.
- Explain of the process conduction and convection
- Perform hand on experiments

in the lab and making observation of the same.

- Differentiate between acids and bases.
- Explain the formation of salts.

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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 laboratory thermometer.
- Study types of soul for their percolation rate.
- Surveying the reason for water scarcity.
- Construction and working of electromagnets.

- 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 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

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

	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 landforms, movements of water in the ocean, etc.	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. • 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 vyanjanka,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, pronouns, verbs, adverbs, adjectives, Types of sentences, gerund). Know the features of various types of writing 	 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 Writes descriptions Writing of from a story

	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 youShall 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.	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	

• Read stories / plays (from different aesthetic activities for and books/ newspapers in education / language learning. • Participates in different events children's as role Section in magazines in English) and such play, poetry recitation, skit, drama, debate, narrate them. •Think critically, compare and contrast speech, elocution, declamation, /characters /events/ ideas /themes and quiz etc, organized by school and relate them to life and try to give other such organizations. • Reads, compares, contrasts, opinions thinks critically and relates ideas about issues. • Refer sources such as dictionary, to life. thesaurus • Refers dictionary, thesaurus and encyclopaedia as reference • And encyclopaedia for meaning in books for meaning and spelling context and understanding texts. while reading and • Use grammar in context such as active and passive voice, reported speech, writing. tenses, parts of speech, etc. • Prepares a write up after •Understand the context for various seeking information in print / online, notice board, newspaper, types of writing: messages, notice, letter, etc. communicates accurately report. • Biography, travelog, diary entry etc. using • Take dictation of a passage with appropriate specific attention to words pronounced, Grammatical forms (e.g., punctuation and spelling. comparison clauses. of • Attempt various types of writing: adjectives, time and tense, active notice, letter, report, etc as well as passive voice, reported speech personal/biographical experiences and etc.) extrapolative writings Writes а coherent and • Attempt creative writing, like stories, meaningful paragraph through the process of poems, dialogues, skits, dialogues from drafting, revising, editing and a story and story from dialogues. Write a Book Review finalizing. Writes short paragraphs coherently in English/braille with a proper beginning, middle and end with appropriate punctuation marks. • Writes answers to textual/nontextual questions after comprehension inference; draws character sketch, attempts extrapolative writing. • Writes email, messages, notice, formal letters. personal experiences etc. • Develops a skit (dialogues from a story) and story from dialogues. • Writes a book review. **HINDI** Listening to poetry/news talks • Listening, speaking, prose text of Hindi literature. reading, writing and thinking in Participate in class assembly, school a manner.

- 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-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.

- 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 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

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

- 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.
- 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.

- Identity
- Multiplicative In Inverse
- Represent rational numbers on a number line.
- Reaches to the conclusion that between any two 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) x 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.
- 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 Ouadratic** 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 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. The learner will be given the opportunities Using the Pedagogical solutions, in groups / individually in an inclusive the students are able to: **SCIENCE** setup: • Learn various steps of •Observing drip and sprinkler systems of agriculture. • Learn about modern irrigation. • To research about preservatives and methods of irrigation to save their effects. Symposium on Immunology. • Understand advantages and disadvantages of microbes. • Study their vaccine chart. Learn about the immunity • To observe different types of plastics in and factors influencing it. their surroundings. • Identify type of plastic as • To study the chemical and physical thermosetting and properties of metals. thermoplastic • To study the properties of magnets. • Know about the reactivity of • To demonstrate the pressure exerted by different Metals by studying liquid. their displacement reaction. To calculate pressure exerted by • Understand about the solids. properties of magnets. To prepare a working model of Understand factors affecting earthquake pressure. detector. Understand biodiversity on • Prepare a list of endangered and extinct earth and its Conservation. species of plants and animals. • Learn the structure and • Write names of wildlife functions of each cell part. sanctuaries and National parks. Learn about the • Observe cells under microscope. reproductive system of • Draw labelled diagrams of the human

reproductive system.

sex determination.

and solids.

Study the life cycle of frog and show

• To prove experimentally that friction

• To prove experimentally that rolling

• To compare the speed of sound in air

• To study the concept of static charge by

• To study the constituents of petroleum

• To observe a soda ash fire extinguisher.

• To Study the chemical effect of electric

To discuss pollution of air and

• To study different parts of a flame.

• To verify laws of reflection of light.

• To study refraction of light.

current and its applications.

use of electroscope.

and their uses.

metamorphosis (by puppet show)

increases with increase in weight.

friction is less than sliding friction.

• To draw flow diagram of

• Understand the role of hormones

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

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	water, their causes and effects.	 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 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,	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 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

population. • Develop an understanding to Participate discussion on the concepts of

understanding spatial distribution 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

- and human-made resources on the earth.
- Conducting focus group discussions violation, on 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

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	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.	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 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. 	 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. 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.

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
- Using media inputs computer, television, video cassettes, tapes, software packages

- 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 selflearning 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 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 Listening to poetry/news talks prose Listening, speaking, **HINDI** text of Hindi literature. reading, writing and thinking in a manner. Participate in class assembly, school Present their thoughts on assembly, interschool and intra school competitions. general topics and speak in Introduction of the characters of the a confident manner. stories written by various authors. Relate it with real life Participate in group discussion, situations and also will be declamation and debates. able to respond to various New word formation by using situations. grammar rules. • Write independently the various forms of written Newspaper reading and learning the vocabulary to the text and correlate to the chapter. • Use the dictionary to refer Know the features of various types of to the new words. writing-letter, notice, • Express the views with paragraph, Laghukatha lekhan, correct tone and voice Aupcharik email writing. modulation. Create their own skits, poems, • Write descriptions dialogues, and stories. /narratives showing using grammar through a variety of sensitivity to gender, situations. (Samas, upsarg-pratyay, environment and arth ke aadhar par vaky bhed, appreciation of cultural Alnkar.) diversity. create a skill to take interviews and Write and explore their ideas in the written form diary writing. Small group activities-poem using correct grammar and recitation, Loud reading sessions, vocabulary. dictation and listening. Correct methodology to spell and write the words their using 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

Draw graphs of linear

equations in two variables.

Define the Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in

Find the area of a triangle using Heron's formula and

Recall rules of congruency

solutions.

the plane.

like:

its applications.

• SSS

Understands that a linear equation in two variables has infinitely many

- 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 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	 Geography- Students will be able to: Know the location of India on the globe. 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 	Geography- Students will be able to: • List out the dimensions of the land boundary, coastline area of the mainland, north-south extent and east west extent of India. • Develop the skills to locate important latitudes and longitudes passing through

- 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.

History-

- Know about the abolition of the Monarch through revolution. Learn 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

- 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.
- Describe the objectives of NNP.
- Familiarize with the natural forces affecting the climate as a whole.
- Differentiate between

- 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 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.

- 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.

History-

- 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 Hitler.
- Familiarize yourself with the names of the people involved and the different types of ideas that inspired the revolution.

Civics-

- 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 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.

- 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.

Civics-

- Know and understand the meaning of democracy.
- Realize the problems of a non-democratic system.
 Recognise why we need democracy in our country.
- Differentiate between democracy and dictatorship through case study of China, India, etc.
- Describe the main features of Democracy.

- 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.

Economics-

- 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.
- Familiarize with the basic concepts like poverty, social exclusion, vulnerability, etc.
- Explain the historical reasons for poverty in India.
- Identify the indicators of poverty.

- 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 in India.
- Define the terms like Office Memorandum, Parliament, Judiciary, etc.
- Distinguish between the Political executives and

- 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 selfsufficient in food grains.
- Discuss the role of cooperatives in food security.

- 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.

Economics-

- 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 shop keeping to nonfarming 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 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- 	 appreciate the applications of IT use of keyboard and mouse 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

skills a abilitie n meet sustain protect • Work • Start • Open • Exit f • Shut e • Use process • Colle the que • Log a data en • Follo entry. • Hand • Unde accurace • Iden	ing the challenges of able development and environment ion; safely on the computer. the computer. and use the related software. from the software. down the computer of the data entry is. ct all necessary information about ary. In the computer of the query on the try tracking form. In the way and guidelines for data are dequeries. In the ace that pose a danger or threat to	 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. Borrowing situations and registers from the world around the learners, from books and from other disciplines 	 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.) 	

Using language games, riddles, To develop curiosity and puzzles and jokes creativity through extensive reading • facilitate self-Interpreting pictures / sketches / learning to enable them to cartoons become independent learners Debating and discussing To participate in Narrating and discussing stories, conversations, discussions, anecdotes, etc. etc., on topics of mutual interest in non-classroom Reciting poems situations Working in pairs and groups To develop the ability and Using media inputs - computer, knowledge required in order television, video cassettes, tapes, to engage in independent software packages 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 Listening, speaking, reading, prose text of Hindi literature. writing and thinking in a Participate in class assembly, manner. school assembly, interschool and Present their thoughts on intra school competitions. general topics and speak in Introduction of the characters of the a confident manner. stories written by various authors. Relate it with real life

- 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.

- 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

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 √2,√3 as irrational numbers.
- Recall the general form of linear and quadratic polynomials and find zeros of polynomials by graph where it intersects the Xaxis.
- Creates relationship between zeros and

- equation.
- 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

- coefficients of quadratic 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.

- 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.
- 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.

- Derive distance and section formula and applies them to calculate:
 - Distance between two points in a plane.
 - The coordinates of a point which divides 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:	<u></u>	T	Т
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 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 texthook Hands-on experience in a science laboratory. Using the Pedagogical solutions, the students are able to: Write and balance a chemical equation. Identify types of chemical reactions. Differentiate between			Major segmentMinor segmentMajor sector
volume of combined shapes by using formula and general understanding. Transform a solid shape into 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. Using the Pedagogical solutions, the students are able to: Write and balance a chemical equation. Identify types of chemical reactions. Differentiate between			of sector, segment and length of an arc of a circle
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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. Brobability to solve problems of daily life situations. Using the Pedagogical solutions, the students are able to: Write and balance a chemical equation. Identify types of chemical reactions. Differentiate between			 Outcome Event Sure event Impossible event Complementary
learn in groups or individually by means of: • Brainstorming on Activities given in science textbook • Hands-on experience in a science laboratory. the students are able to: • Write and balance a chemical equation. • Identify types of chemical reactions. • Differentiate between			probability to solve problems of daily life
72	SCIENCE	 learn in groups or individually by means of: Brainstorming on Activities given in science textbook Hands-on experience in a science 	 the students are able to: Write and balance a chemical equation. Identify types of chemical reactions.
		72	1

- 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 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.

- 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 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.

Symposium on Immunology. Differentiate between alternating current and direct current. Explain characteristics of trophic levels. Explain biological magnification, its causes and its consequences. **SOCIAL** Geography-Geography-SCIENCE 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 sustainable development. Know the problems of land degradation and find out the solution for it. know the formation of soil and its classification. conservation. Understand the causes of soil Erosion and its solution. Describe the biodiversity of India. * Classification of animal species conservation. based on IUCN.

Flora and Fauna of India.

flora and fauna in India.

Demerits of developmental

Classification of forests into

Reserved, Protected and Unclassed

Learn about hydrological cycle

causes of water scarcity (Large population, pollution, urbanization).

water by multipurpose river

Recognize the importance and

know about rainwater harvesting.

Identify various types of farming

and discuss the various farming

agriculture in the national economy.

of multipurpose projects.

Explain the importance of

methods.

Know and understand about the

Know how to conserve and manage

projects. * Point out the objectives

and fauna.

processes.

Factors affecting the distribution of

Causes for the depletion of flora

- 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 degradation and conservation measures.
- To develop awareness towards judicious use of resources and their
- Analyze the reasons for the depletion of resources and suggest measures for
- 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

- 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.
- 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

- 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.
- 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

- communication and trade in the contemporary world.
- Identify the growth of tourism as a trade in India.

History-

- 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 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.

- 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.

History -

- Understand the major achievements made during the Industrial Revolution.
- Identify the changes in life brought by the Industrial 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.

- 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.
- 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.

Civics-

- 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

- 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
- 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.

Civics-

- Explains sharing of power among the Legislature, the Executive and the Judiciary.
- Explains—the concept of democracy.
- Compare the power sharing

- 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 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.

Economics-

- 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.

- 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 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.

- 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 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.

- 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, understand the challenges facing democracy.
- Understand and conceptualize the lesson in a much more effective way.

Economics-

- 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 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. • Demonstrate the knowledge of the **INFORMATION** •Create and Apply Styles in the **TECHNOLOGY** importance of green skills iApply document effective oral and written •Insert and use images in communication skills to interact with documents people and customers; • .Create and use templates • Identify the principal components of a • Create and customize table of computer system; Demonstrate the basic contents skills of using • Implement Mail Merge computer; • Analyse data using scenarios • Demonstrate self-management skills; and goal seek • Demonstrate the ability to provide a • Link data and spreadsheets •Share and review a spreadsheet self-analysis in context of entrepreneurial skills and •Create and Use Macros in abilities: spreadsheet n meeting the challenges of • Appreciate the concept of development Database Management System sustainable and environment protection; •Create and edit tables using • Work safely on the computer. wizard and SOL command • Start the computer. •Perform operations on table • Open and use the related software. •Retrieve data using query • Exit from the software. •Create Forms and Reports • Shut down the computer. using wizard • Use the computer for the data entry •Working with Accessibility **Options** • Collect all necessary information about • . Maintain workplace safety Prevent Accidents the query. and • Log any decision about the query on **Emergencies** the data entry tracking form. • Protect Health and Safety at • Follow Rules and guidelines for data work 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

	GRADE XI-COMMERCE	
SUBJECTS	PEDAGOGICAL SOLUTIONS	LEARNING OUTCOMES
ENGLISH	Listening Skills: Use audio clips, live presentations, and dictation exercises.	The Learner will be able to: • Listen and comprehend live as well as recorded oral presentations
	Tools: Podcasts, recorded lectures, YouTube.	on a variety of topics.Develop greater confidence and
	Speaking Skills:	proficiency in the use of language skills necessary for social and
	Conduct group discussions, role-plays, and short oral presentations.	academic purpose to participate in group discussions and interviews, by making short oral presentations
	Tools: Rubrics, apps like Flipgrid.	on given topics. • perceive the overall meaning
	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:	 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
	Practice expository and argumentative writing, letters, and applications.	texts), understanding and responding to lectures, speeches,
	Tools: Templates, Hemingway Editor. Vocabulary Development:	etc. • Write expository / ergymentative essays explaining
	Teach contextual clues and use word games. Tools: Quizlet, WordUp. Presentation Skills: Guide on compiling and organizing	argumentative essays, explaining or developing a topic, arguing a case, etc, write formal/informal letters and applications for
	information for presentations. Tools: PowerPoint, Canva. Paragraph Writing:	different purposes.Make use of contextual clues to infer meanings of unfamiliar
	raragraph 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, techsupported, and learner-centered methods to achieve the desired outcomes efficiently. 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:

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

- 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

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 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.

- 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 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 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 	 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.

- 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.
- 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 i**nvolving 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.

- 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 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, 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:

- Students will develop the ability to analyse realworld economic problems and suggest evidencebased 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 handson 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.

	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 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).	 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.
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 janasanchaar maadhyam patrakaarita ke vividh aayaam 	 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

	 Rachanaadharmee lekh Daayaree kee kala katha lipi 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 Creative Thinking Skills Communication Skills Matri Bhasha Diwas Awareness of Linguistic and Cultural traditions Values of Tolerance and Dialogue Communication skills 	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
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 	 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

ideas in the written form

- 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 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.

- 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 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

- 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 functions.
- Appreciate the use of probability in daily life situations. Define random experiment and sample space which suitable examples recognise and differentiate different types of events and find probability. Define 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.

- 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 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 of types functions with definitions and characteristics constant function identity function polynomial function rational functions composite function, logarithm function exponential function modulus function greatest integer algebraic function. function and Signum function.
- Graph of some

- 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 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.
- Fine 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. Soft problems based on applications of circle
- Define parabola and related terms.
 Defined is eccentricity of a parabola full stop derive the equation of parabola.

- 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 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 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. 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. • Identify the components of a computer Introduction to computer **INFORMATICS PRACTICES** system. and computing: evolution • Create Python programs using different of computing devices, data types, lists and dictionaries. components of • Understand database concepts and computer system and Relational Database Management their interconnections, devices. Systems. Input/output Computer Memory: Units • Retrieve and manipulate data in **RDBMS** using Structured Query of memory, types of memory – primary and Language • Identify the Emerging trends in the secondary, data deletion, fields of Information Technology. its recovery and related • Create projects with Database and security concerns. Python Software: purpose and system and types software, application specific generic and 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, ifelif-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 using of 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
	NOT NULL Data
	Manipulation: INSERT,
	DELETE, UPDATE
	 Artificial Intelligence,
	Machine Learning,
	Natural Language

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.

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.

- 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 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.

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.
- Non-Locomotor Skills: Practicing balancing, twisting, and other nonlocomotor 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

These pedagogical solutions can enhance teaching and learning in Physical Education, promoting inclusivity, engagement, and student succe

- 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.

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.

10. Training Sessions for teachers.

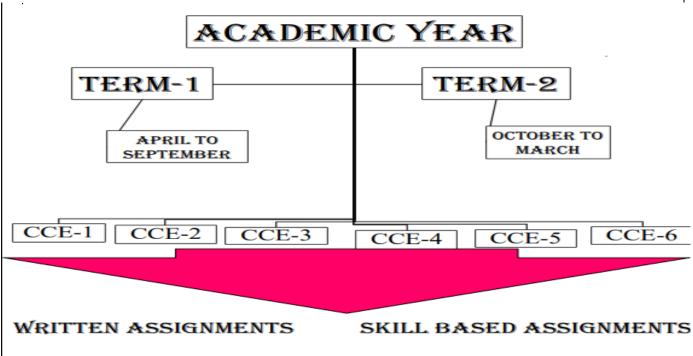
S. No.	Class/Topic	Venue of Workshop	Date	Name of the
		/ Webinar (Online)		Teacher

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

ENG	LISH AND HINDI	MATHEMATICS	SOCIAL SCIENCE/EVS		SCIENCE
CO	MPREHENSION	CONCEPT	ENVIRONMENTAL S	SENSITIVITY	CONCEPT
CREA	ATIVE WRITING	MENTAL ABILITY			SCIENTIFIC SK
	GRAMMAR				
LITERARY SKILLS					
1.	SAFAL		CBSE	18&19-4- 2024&23-4- 2024	Ms.Kanchan Bala

SKILL BASED ASSIGNMENTS

ENGLISH AND HINDI	MATHEMATICS	SOCIAL SCIENCE /EVS A 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	А	Excellent		
14 to 18.5	В	Very Good		
9 to 13.5	С	Good		
0 to 8.5	D	Scope of Improvement		

- 1					
	2.	Learning Through Art Integration-	COE-Noida	24-04-2024	Mr.Prashant
		Foundational Stage			Singh,Ms.Hi
					manshi
					Malhotra

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

SECONDARY EVALUATION (GRADE YI TO YIII)

- 1. Examination /Assessment System:
- 2. Scholastic Area

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

3.	PRP Educating Parents about Education-(Off-line)	COE-Ajmer	27-04-2024	Ms.Tara Singh
4.	Vasutti-2 In-house a two day Workshop(off-line)	AWSW-In House	4&6 May 2024	all Teacher except Ms.Renu Singh and Ms.Pooja Limboo
5	Learning Through Art Integration - Foundational Stage	COE-Noida	14-05-2024	Ms.Nidhi Shah

SECONDARÝ REPORT CARD FORMAT (ONLÝ 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

6	Art Integration learning Organise	COE-Prayagraj	14-05-2024	Ms.Nidhi Shah
7	Learning Through Art Integration - Foundational Stage	COE-Vijayvada	14-05-2024	Ms.Alka Baria,Ms.Po oja Singh

Subject Enrichment Activities	Notebook	Duration
For Languages : Assessment of Speaking and Listening Skills (ASL)		
For Mathematics :Lab Activity	RegularityAssignmentCompletion	April – September October -March
For Science : Practical	Neatness & Upkeep	
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.

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	-	-	-	-	-	-	-	-	-

8	Art Integration learning Organise	COE-Noida	15-05-2024	Ms.Nidhi Shah
9	Learning Through Art Integration - Foundational Stage	COE-Vijayvada	15-05-2024	Ms.Shweta, Ms.Pooja Singh

^{*}Multidisciplinary activities are of 5 marks

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	Learning Through Art Integration - Foundational Stage	COE-Vijayvada	16-05-2024	Ms.Shweta, Ms.Pooja Singh
11	Art Integration learning	COE-Delhi	16-05-2024	Ms.Nidhi Shah
12	Learning Through Art Integration - Foundational Stage	COE-Patna	17-05-2024	Ms.Shweta
13	How to Help my Child study well	Eblity-CBSE	08-06-2024	Mr.Prashant Singh,Ms.Hi manshi Malhotra,Ms Sonal Bhatt,Ms.Alla a Baria,Ms.Po oja Singh,Ms.Pri yanka Jha,Ms.Tara Singh,Ms.Ni dhiShah.Ms. Gargi Sharma
14	Samvaya -2 a two day Symposium(off-line)	AWSW-In House	10 & 11 June 2024	all Teacher except Ms.Renu Singh and Ms.Kirti Patil and

				Ms.Sunita Gupta
15	Gyan Sarovar Sahodaya Teacher Training Program(off-line)	Gyan Sarovar Sahodaya	22-06-2024	Ms.Nidhi Shah, Ms.Shweta, Ms.Kanchan, Bala,.Ms.Ma dhuri Belgaokar ,Ms.Binny Chainani ,Ms.Tara Singh ,Ms.Vandana Jaiswal ,Ms.Pooja Limboo ,Ms.Mariyam ,Ms.Anita Saroj ,Ms.Pooja Singh, Ms.Priyanka Jha,Ms.Alka Baria ,Ms.Megha Pandya ,Ms.Payal Amin
16	Intreraction Program on National Curriculam Framwork on 25 June	CBSE	25-06-2024	Dr.RK Shakya & Ms.Gauri Sinde
17	Pricipal Pioneers: Charting new territories in career Counseling for CBSE Schools	CBSE	03-07-2024	Dr.RK Shakya
18	Addessing Academic and Behavioral Challenges in the Classroom	Eblity-CBSE	07-07-2024	Mr.Prashant Singh,Ms.Hi manshi Malhotra,Ms. Alka Baria,Ms.Gar gi Sharma
19	Activities to Promote Child Growth and Development	Eblity-CBSE	07-07-2024	Mr.Prashant Singh
20	The Importance of a Growth Mindset for Supporting Children with Special Needs	Eblity-CBSE	07-07-2024	Mr.Prashant Singh
21	Gyan Sarovar Sahodaya Teacher Training Program-Economics (Off-line)	Sahodaya	13-07-2024	Ms.Mariyam
	1	105	l .	

22	Foundational literacy and Numeracy (Hubs of learning)(Off-line)	CBSE	20-07-2024	Ms.Kavita Mishra,Ms.P ooja Singh,Ms.Mi tal Vaidhya
23	Learning through Art Integration - Foundational stage.	COE -New Delhi	29-07-2024	Ms.Kirti Patil
24	Learning through Art Integration - Foundational stage.	COE -Patna	30-07-2024	Ms.Gargi Sharma
25	Learning through Art Integration - Foundational stage.	COE -Patna	31-07-2024	Ms.Kirti Patil
26	"Ek Ped Ma ke Naam"	DGF&SS,MOEFCC, NEW DELHI	20-08-2024	Dr.RK Shakya
27	Learning through Art Integration-Preparatory Stage	COE -Noida	22-08-2024	Mr.Prashant Singh,Ms.Hi manshi Malhotra,Ms. Alka Baria,Ms.Ka nchan Bala,Ms.Shw eta, Ms.Sonal Bhatt,Ms.Sul ekha Rajput,Ms.G argi Sharma,Ms.P riyanka Jha,Ms.Pooja Singh
28	Refresher Workshop for Grade 8(Science)Item Development for SAFAL 2025-26	CBSE-SAFAL	23-08-2024	Ms.Kanchan Bala
29	Learning through Art Integration- Preparatory Stage	COE -Noida	28-08-2024 29-08-2024	Ms.Shweta, Ms.Nidhi Shah
30	The Batch 149 of the Training program is commencing	CBSE	27-08-2024 to 30-08-2024	Ms.Alka Baria,Ms.Sw ati Ghanekar
31	Future Tech for Sustainability Program	CBSE	03-09-2024	Ms.Arshdeep Kaur
32	"Care Compassion&Communication"Counselors' Conclave on "Shaping the Landscape of Well-being in schools"	CBSE	11-09-2024	Ms.Renu Singh,Ms.So nal Bhatt,Ms.Alk a

				Baria,Ms.Sw ati Ghanekar
33	INTACH(Indian National Trust for Art and Cultural Heritage)(Off-line)	INTACH	08-10-2024& 09-10-2024	Ms.Pooja Limboo&Ms .Mariyam
34	Introduction to Entrepreneurship with AI(Intel)2024	Intel	11-10-2024	Ms.Arshdeep Kaur
35	Learning through Art Integration- Middle Stage	COE- Thiruvananthpuram	14-10- 2024&18-10- 2024	Ms.Kirti Patil
36	Intel AI Global Impact Festival	Intel	15-10-2024	Ms.Arshdeep Kaur
37	Learning through Art Integration- Middle Stage	COE-Guwahati	18-10- 2024&22-10- 2024	Ms.Kirti Patil
38	"Learning Through Art Intrgration - Middle Stage	COE-Ajmer	11-11-2024	Mr.Prashat Singh
39	"Learning Through Art Intrgration - Middle Stage	COE-Ajmer	13-11-2024	Mr.Pooja Singh
40	COP 29	COP 29	19-11-2024	Ms.Arshdeep Kaur
41	Optimising Executive Functions in Children with Attention Challenges, including ADHD	Eblity	20-11-2024	Mr.Prashat Singh
42	"Techniques for Advancing Expressive Writing in Children with Diverse Needs"	Eblity	20-11-2024	Mr.Prashat Singh
43	Optimising Executive Functions in Children with Attention Challenges, including ADHD	Eblity	21-11-2024	Ms.Alka Baria
44	Optimising Executive Functions in Children with Attention Challenges, including ADHD	Eblity	22-11-2024	Ms.Gargi Sharma
45	"Techniques for Advancing Expressive Writing in Children with Diverse Needs"	Eblity	23-11-2024	Ms.Mital Vaidya
46	"Learning Through Art Intrgration - Middle Stage	COE-Delhi	28-11-2024	Ms.Shweta
47	Activities -based session on English Language	Bharti Bhawan	07-12-2024	Ms.Anjali Bhavsar
48	"Raising Confident and Happy Children through Positive Discipline"	Eblity	09-12-2024	Mr.Prashat Singh
49	"Raising Confident and Happy Children through Positive Discipline"	Eblity	10-12-2024	Ms.Alka Baria

50	"Learning Through Art Intrgration - Middle Stage	COE-Ajmer	11-12-2024	Ms.Shweta
51	"Learning Through Art Intrgration - Middle Stage	COE-Ajmer	16-12-2024	Ms.Shweta
52	Blending, Segmenting and Spelling Skills to Enhance Reading Fluency"	Eblity	17-12-2024	Ms.Sonal Bhatt,Mr.Pra shant Singh
53	Online training program on PRAYOG for Principals	COE-Ajmer	18-12-2024& 19-12-2024	Dr.RK Shakya
54	Blending, Segmenting and Spelling Skills to Enhance Reading Fluency"	Eblity	20-12-2024	Ms.Alka Baria ,Ms.Megha Pandya
55	Nai Shiksha Niti aur Kaksha Nishkarsh(Off-line)	Aanand Vidya Vihar	04-01-2025	Ms.Anita Saroj,Ms.Poo ja Singh
56	"Learning Through Art Intrgration - Secondary Stage	COE-Patna	28-01-2025	Ms.Shweta

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 myriad 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 came 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 2024-25.

- 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 Unit tests, May 2024 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 (2024-25)

Sr. No.	DATE	EVENT		
1	01-04-2024	Commencement of New Academic Session 2024-25		
2	08-04-2024	Awareness Programme on Homeopathy (Grade - IX and X)		
3.	11-04-2024	Club Activity		
4.	12-04-2024	CBSE- Budding Author Programme (Grade V-X)		
5.	15-04-2024	Commencement of Grade XI (Humanities and Commerce)		
6.	15-04-2024 till 19-04- 2024	Language Week- English, Hindi, Gujarati, Sanskrit		
7.	22-04-2024	Earth Day Celebration		
8.	22-04-2024	ISSO and Inter House Competition- Certificate Distribution		
9.	24-04-2024	English Language Day		
10.	24-04-2024	Science Challenge Day		
11.	25-04-2024	Club Activity		
12.	26-04-2024	Yodha Football Competition and Badminton Competition at IIRA International School		
13.	27-04-2024	Inter School Competition at DPS Harni-Live Commentary		
14.	27-04-2024	Annual Award Ceremony		
15.	29-04-2024	International Dance Day Celebration (During Assembly)		
16.	04-05-2024 to 06-05-2024	Vasutti -2, In-House Workshop		
17.	08-05-2024 to 24-05-2024	Summer Camp		
18.	08-05-2024 to 24-05-2024	Extra Classes		

19.	10-06-2024	School Reopens for Teachers	
20.	11-06-2024	Samvayay 2, In-House Workshop (AWS- Waghodia & Dabhoi Teachers)	
21.	13-06-2024	School Reopens for Students	
22.	13-06-2024	Inter-House Competition Selection Round	
23.	17-06-2024 to 22-06-2024	I.T. Week Celebration	
24.	19-06-2024	National Reading Day	
25.	19-06-2024	Club Activity	
26.	21-06-2024	World Yoga Day and Music Day	
27.	27-06-2024	9th Foundation Day & Investiture Ceremony	
28.	28-06-2024	Jal Doot - CBSE Activity	
29.	29-06-2024	P.T.M. Grade I to V	
30.	17-05-2024	Science Challenge Round -2	
31.	03-07-2024	SOF and Inter House Result Declaration	
32.	10-07-2024	Khel Mahakumbh Certificate Distribution	
33.	11-07-2024	Club Activity	
34.	13-07-2024	P.T.M. of Pre-Primary	
35.	13-07-2024	Final Round of Inter House Competition	
36.	19-06-2024 to 18-07-2024	Different types of Activity done in Library Period	
37.	15-07-2024 to 19-07-2024	Mathematics Week Celebration	
38.	20-07-2024	Meditation Session for Teachers	
39.	22-07-2024	SAFAL Exam for Grade IX	
40.	25-07-2024	Club Activity	
41.	22-07-2024 to 28-07-2024	Shiksha Saptah-Different types of Activities done in Zero Period	
42.	03-08-2024	P.T.M. of Grade VI to XI	
43.	07-08-2024	IIT Khoj (Grade VI to XI)	
44.	08-08-2024	Club Activity	
45.	10-08-2024	Veeranjali - Inter School Competition at Sapphire Global School	
46.	14-08-2024	Independence Day Celebration - Pre-Primary - Grade-II	
47.	15-08-2024	Independence Day Celebration - Tableau - Grade-III - Grade XI	
48.	12-08-2024 to 16-08-2024	Social Science Week Celebration	
49.	03-08-2024	Nanhe Sitare- Inter School Competition (Nursery) at Anand Prep Academy	
50.	10-08-2024	Nanhe Sitare- Inter School Competition (Prep.) at Anand Prep Academy	
51.	16-08-2024	Har Ghat Tiranga Programme	
52.	26-08-2024	CBSE Story Telling Competition	
53.	24-08-2024	IT Quiz in DPS Kalali	
54.	01-09-2024 to 15-09-2024	Swacchta Pakhwada	
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55.	31-08-2024	Triumph Inter School Competition (Cancelled due to Rain)	
56.	05-10-2024	The Battle of Creative Brains- Inter School Competition In DPS Harni	
57.	04-09-2024	Teacher's Day Celebration (Pre- primary - Grade -II)	
58.	04-09-2024	Teacher's Day Celebration (Grade -III - XI)	
59.	09-09-2024	Aryabhatta Ganit Challenge - Round - 1	
60.	10-09-2024	Indian Navy Online Quiz	
61.	10-09-2024	Desh Aur Hum	
62.	12-09-2024	Mid Term Exam Start	
63.	14-09-2024	Pre-Primary Report Reading	
64.	26-09-2024	I.E.O. Exam	
65.	27-09-2024	Grand Parents Day (Postponed Till January)	
66.	14-09-2024	Udaan Sports Meet 2024	
67.	25-09-2024	Akash Anthea Orientation-Grade VII - X	
68.	25-09-2024	Certificate Distribution of 11th Ohtsuka Karate Cup and State Grappling Championship (During Assembly)	
69.	01-10-2024	Gandhi Jayanti and Lal Bahadur Shastri Jayanti - Grade- Pre-Primary - Grade II	
70.	02-10-2024	Gandhi Jayanti and Lal Bahadur Shastri Jayanti - Grade- III - Grade X	
71.	04-10-2024	I.G.K.O. Exam	
72.	04-10-2024	Aryabhatta Ganit Challenge - Round - 2	
73.	05-10-2024	Inter School Competition - Sargam- Gujarat Public School - Chhani (Grade-I -V)	
74.	05-10-2024	Veer- Gaatha- C.B.S.E. Programme, Swacchta Hi Sewa- C.B.S.E. Programme, Rashtriya Avishkar Saptah - C.B.S.E. Programme	
75.	04-10-2024	Inter School Competition - Sargam- Gujarat Public School -Waghodia (Grade-Pre-Primary)	
76.	05-10-2024	Tender Voices- (Grade-Pre-Primary)	
77.	07-10-2024	Science Quiz Competition At Bal Bhavan - (Grade-V - VII)	
78.	08-10-2024	Report Reading for Grade VI - X and Winter Uniform Distribution	
79.	08-10-2024 to 09-10-2024	Intach Workshop	
80.	09-10-2024	Report Reading for Grade- I to V	
81.	10-10-2024	Garba Celebration - Grade- Pre- Primary to X	
82.	14-10-2024 to 18-10-2024	Science Week Celebration	
83.	18-10-2024	N.S.O. Celebration	
84.	19-10-2024	Inter School Competition - Pinnacle at Cygnus World School	
85.	19-10-2024	Navy Quiz (cancelled)	
86.	26-10-2024	Sports Day -Rescheduled to 17/01/25	
87.	14-10-2024	Cyber Security Awareness by Parul University for Grade - V to X	
88.	18-10-2024	Mental Health for Grade IX - X	
89.	27-10-2024	NTA Exam	
90.	29-10-2024 to 17-11-2024	Diwali Break	
91.	18-11-2024	Reopening of School for Students and Teachers	
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92.	19-11-2024	I.M.O. Examination	
93.	23-11-2024	Ken- Ken Puzzle (School Round)	
94.	26-11-2024	Sahodaya Athletics Meet	
95.	28-11-2024	I.H.O. Examination Grade - III - X	
96.	29-11-2024	Inter School Debate Competition - Baselio Rolling Trophy for Grade VI-VIII	
97.	11-12-2024	L.C.E.O. Examination For Pre- Primary	
98.	12-12-2024	L.C.D.O. Examination For Pre- Primary	
99.	30-11-2024	Orientation - Cum- P.T.M.for Grade IX and X	
100.	03-12-2024	Parakh Rashtriya Sarvekshan	
101.	04-12-2024	National Assessment Survey (Teachers Observer Duty)	
102.	07-12-2024	English Workshop at Sayaji Hotel	
103.	09-12-2024	KENKEN Exam Orientation	
104.	21-12-2024	Annual Concert 2024-25	
105.	23-12-2024	KENKEN Exam City Round	
106.	24-12-2024	Christmas Celebration & Stress Management By Ms. Vandana Jaiswal	
107.	24-12-2024 to 01-01-2025	Winter Break	
108.	02-01-2025	Reopening of School for Students and Teachers	

16.2 LIST OF INTER-HOUSE COMPETITIONS (2024-25)

S.NO	DATE	EVENT
1	13-04-24	Open for all -Drawing Competition-Group-1, Poster Making Competition-Group 2, Collage Making-Group 3, Cartooning- Group-4, (Grade-I to X)
2.	27-04-24	Open for all -Little Chef: Salad Making-Group- 1,Little chef: welcome drink-Group-2, Little Chef: Starter Making-Group-3, Little Chef: Dessert Making -Group-4
3.	22-06-24	Role Play: My Ideal Personality-Group-1, Math Quiz-Group-2, Folk Dance Competition-Group-3, Ad Mad World Topic: Edible Oil-Group-4
4.	13-07-24	Hindi Poem Recitation-Group-1, English Poem Recitation-Group-2, English Debate Competition- Group-3, Semi Classical Dance-Group-4
5.	27-07-24	Science Quiz-Group-1, Folk Dance Competition-Group-2, Patriotic Song Competition -Group-3, Hindi Debate Competition-Group-4
6.	10-08-24	Patriotic Song Competition-Group-1, Puppet Show in Hindi-Group-2, Radio Jockey- On Air- We The Avalonions -Group-3, Mime Act Competition - Group-4
7.	24-08-24	Spell Bee-Group-1, Fancy Dress Competition: Little Scientist-Group-2, Quiz On Heritage and Tourism-Group-3, IT Quiz-Group-4