

Academic Planner 2024-25			
Class-VIII			
SUBJECT - SCIENCE			
MONTHS & DAYS	CONTENTS	ACTIVITY / ASSESSMENT	INTERDISCIPLINARY ASPECT
APRIL			
1- 15 (11 days)	Chapter 1 Crop Production & Management	To separate healthy seeds from damaged seeds	G.K -Flora and Fauna CHAPTERS- 8
		Science lab manual activity of Ch 1 Thinking Classroom Worksheet -Ch 1 , Educsoft online assessment	
16 - 30 (11 days)	Chapter 2 Micro-organism	To study fermentation of sugar solution by yeast.	S.D.G Worksheet-7 Goal 7
		Science lab manual activity of Ch 2 Thinking Classroom Worksheet -Ch 2, Educsoft online assessment	
MAY			
1 - 15 (12 days)	Chapter 3 Coal & Petroleum	In an outline map of India trace the coal, petroleum reserves and oil refineries of india.	G.K -(Flora and Fauna) CHAPTERS- 9
		Science lab manual activity of Ch 3 Thinking Classroom Worksheet -Ch 3, Educsoft online assessment	S.D.G Worksheet-13 Goal 13
MAY			
16-31 (6 Days)	SCIENCE ACTIVITY WEEK	SCIENCE IS FUN	
		1. SCIENTIFIC TOYS	
		2. ROLE PLAY/GROUP DISCUSSION	
		3. SCIENCE QUIZ	
		4. CLASS REVISION TEST AND ONLINE TEST	
JULY			
1- 15 (12 days)	Chapter 4 Combustion and Flame	To study air is necessary for combustion	G.K - Flora and Fauna CHAPTER- 10
		Science lab manual activity of Ch 4 Thinking Classroom Worksheet -Ch 4, Educsoft online assessment	
16 - 31 (13 days)	Chapter 5 Conservation of Plants and Animals	To classify the given plants and animals as endemic, endangered and extinct species.	
		Science lab manual activity of Ch 5 Thinking Classroom Worksheet -Ch 5, Educsoft online assessment	
	U.T 1 (15 July- 22 July)	Syllabus for UT-1: Chapters-1,2,3	
AUGUST			
1- 15 (11 days)	Chapter 6 Reproduction in animals	To study budding in hydra and binary fission in Amoeba	G.K - Flora and Fauna CHAPTER- 11
		Science lab manual activity of Ch 6 Thinking Classroom Worksheet -Ch 6, Educsoft online assessment	
16-31 (12 days)	Chapter 7 Reaching the age of adolescence	*Prepare charts or posters and paste them in the class so that students are aware of the diet for adolescents. *Students may use their creative ideas and present it like an advertisement.	
		Science lab manual activity of Ch 7 Thinking Classroom Worksheet -Ch 7, Educsoft online assessment	
		CLASS RECORD ASSESSMENT	
SEPTEMBER			
1- 15 (11 days)	Exam Month		
	Revision		
16 - 30 (12 days)	HALF YEARLY EXAMS 17 Sept- 30 Sept	SYLLABUS OF HALF YEARLY	
		Chapter 1 Crop Production & Management Chapter 2 Micro-organism	

		Chapter 3 Coal & Petroleum	
		Chapter 4 Combustion and Flame	
		Chapter 5 Conservation of Plants and Animals	
		Chapter 6 Reproduction in animals	
		Chapter 7 Reaching the age of adolescence	
		G.K TERM-1 (All Chapters)	
OCTOBER			
1- 15 (8 days)	Chapter 8 Force and pressure	To show that liquids exert equal pressure at same depth and pressure varies with depth.	G.K - (SCIENCE AND TECHNOLOGY) CHAPTERS- 29,30
		Science lab manual activity of Ch 8	
		Thinking Classroom Worksheet -Ch 8, Educsoft Online Assessment	
16 - 31 (12 days)	Chapter 9 Friction	To observe that friction depends on the smoothness of the surface.	
		Science lab manual activity of Ch 9	
		Thinking Classroom Worksheet -Ch 9, Educsoft Online Assessment	S.D.G Worksheet-14 Goal 14
NOVEMBER			
1- 15 (10 days)	Chapter 10 Sound	To show that sound can travel through solids	G.K - (SCIENCE AND TECHNOLOGY) CHAPTERS- 31,32
		Science lab manual activity of Ch 10	
		Thinking Classroom Worksheet -Ch 10, Educsoft Online Assessment	
16 - 30 (13 days)	Chapter 11 Chemical effects of electric current .	To demonstrate the process of electroplating.	
		Science lab manual activity of Ch 11	
		Thinking Classroom Worksheet -Ch 11, Educsoft Online Assessment	
	U.T- 2 (18 Nov- 23 Nov)	Syllabus for UT-2 : Chapters- 8,9,10	
DECEMBER			
1-15 (11)	Chapter 12 Some Natural phenomena	To show with the help of exp.that like charges repel each other and unlike Charges attract each other.	S.D.G WORKSHEET -15 GOAL 15
		Science lab manual activity of Ch 12	G.K - (SCIENCE AND TECHNOLOGY) CHAPTERS- 33,34
		Thinking Classroom Worksheet -Ch 12, Educsoft Online Assessment	
16-31 (13 days)	Chapter 12 Continued		
		Educsoft Online Assessment	
JANUARY			
16-31 (13 days)	Chapter 13 Light	To verify the laws of reflection of light using a plane mirror..	G.K - (SCIENCE AND TECHNOLOGY) CHAPTERS-35,36
		Science lab manual activity of Ch 13	
		Thinking Classroom Worksheet -Ch 13, Educsoft Online Assessment	
FEBRUARY			
1- 15 (12 days)		Educsoft Online Assessment	
	REVISION OF ANNUAL EXAM		
		CLASS RECORD ASSESSMENT	
16 - 28(10 days)	ANNUAL EXAM	SYLLABUS OF ANNUAL EXAM	
		TERM1 AND TERM 2- ALL THE CHAPTERS	
		COMPLETE BOOK	
March		G.K TERM- 2 (All Chapters)	
1- 31 (24 DAYS)	ANNUAL EXAM		