

Academic Planner 2023-24			
Class-VIII			
SUBJECT - SCIENCE			
MONTHS & DAYS	CONTENTS	ACTIVITY / ASSESSMENT	INTERDISCIPLINARY ASPECT
APRIL			
1- 15 (9 days)	Chapter 1 Crop Production & Management	To separate healthy seeds from damaged seeds	G.K - UNIT 3 (Animal Rights Organisation)
		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 (11 days)	Chapter 3 Coal & Petroleum	In an outline map of India trace the coal, petroleum reserves and oil refineries of india.	G.K UNIT 3 (Soils)
		Science lab manual activity of Ch 3	
		Thinking Classroom Worksheet -Ch 3, Educsoft online assessment	S.D.G Worksheet-13 Goal 13
JUNE	SUMMER VACATION	H.H.W	
JULY			
1- 15 (12 days)	Chapter 4 Combustion and Flame	To study air is necessary for combustion	G.K UNIT 3 (Timber plants)
		Science lab manual activity of Ch 4	
		Thinking Classroom Worksheet -Ch 4, Educsoft online assessment	
16 - 31 (12 days)	Chapter 5 Conservation of Plants and Animals	To classify the given plants and animals as endemic, endangered and extinct species.	G.K UNIT 3 (Avian puzzle, Amazing animals)
		Science lab manual activity of Ch 5	
		Thinking Classroom Worksheet -Ch 5, Educsoft online assessment	
	U.T 1 (24 July- 2 August)	Syllabus for UT-1: Chapters-1,2,3,4	
AUGUST			
1- 15 (11 days)	Chapter 6 Reproduction in animals	To study budding in hydra and binary fission in Amoeba	G.K UNIT 3 (Animal defences)
		Science lab manual activity of Ch 6	
		Thinking Classroom Worksheet -Ch 6, Educsoft online assessment	
16-31 (13 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.	G.K UNIT 3 (Strange and weird insects, Ask me why?)
		Science lab manual activity of Ch 7	
		Thinking Classroom Worksheet -Ch 7, Educsoft online assessment	
		CLASS RECORD ASSESSMENT	
SEPTEMBER	Exam Month		
1- 15 (11 days)	Revision		
16 - 30 (12 days)	HALF YEARLY EXAMS 18 Sept- 5 Oct	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 UNIT 3 (All Chapters)	

OCTOBER			
1- 15 (10 days)	Chapter 8 Force and pressure	To show that liquids exert equal pressure at same depth and pressure varies with depth.	G. K UNIT 6 (Coronavirus, Medical terminology)
		Science lab manual activity of Ch 8	
		Thinking Classroom Worksheet -Ch 8, Educsoft Online Assessment	
16 - 31 (9 days)	Chapter 9 Friction	To observe that friction depends on the smoothness of the surface.	G. K UNIT 6 (Protect yourself from diseases)
		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 (09 days)	Chapter 10 Sound	To show that sound can travel through solids	G. K UNIT 6 (Science puzzle)
		Science lab manual activity of Ch 10	
		Thinking Classroom Worksheet -Ch 10, Educsoft Online Assessment	
16 - 30 (12 days)	Chapter 11 Chemical effects of electric current .	To demonstrate the process of electroplating.	G. K UNIT 6 (Magnicent Nature)
		Science lab manual activity of Ch 11	
		Thinking Classroom Worksheet -Ch 11, Educsoft Online Assessment	
	U.T- 2 (20 Nov- 29 Nov)	Syllabus for UT-2 : Chapters- 8,9,10	
DECEMBER			
1- 15 (12 days)	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 UNIT 6 (Eco-friendly Nature)
		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 UNIT 6 (Artificial Intelligence)
		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 - 29(12 days)	ANNUAL EXAM	SYLLABUS OF ANNUAL EXAM	
		Chapter 5 Conservation of Plants and Animals	
		Chapter 6 Reproduction in animals	
		Chapter 8 Force and pressure	
		Chapter 9 Friction	
		Chapter 10 Sound	
		Chapter 11 Chemical effects of electric current .	
		Chapter 12 Some Natural phenomena	
		Chapter 13 Light	
		G.K UNIT 6 (All Chapters)	
1- 31 (24 DAYS)	ANNUAL EXAM		