

Academic Planner 2024-25			
Class-VII			
SUBJECT - SCIENCE			
MONTHS & DAYS	CONTENTS	ACTIVITY / ASSESSMENT	INTERDISCIPLINARY ASSIGNMENTS
APRIL			
1- 15 (11 days)	Chapter 1 Nutrition in plants	To show that plants prepare food during day time Science lab manual activity of Ch 1 Educsoft online assessment Thinksheet of ch 1	G.K - UNIT Flora and fauna (Uncommon trees, strange names)
16 - 30 (11 days)	Chapter 2 Nutrition in animals and human	To study the effect of saliva on starch. Science lab manual activity of Ch 2 Educsoft online assessment Thinksheet of ch 2	S.D.G Worksheet 3 Goal 3
MAY			
1 - 15 (12 days)	Chapter 3 Heat	To record the temperature of water using laboratory thermometer. Science lab manual activity of Ch 3 Educsoft online assessment Thinksheet of ch 4	G.K UNIT Flora and fauna (Avian Predators)
MAY			
16-31 (6 days)	SCIENCE ACTIVITY WEEK	SCIENCE IS FUN 1. Scientific toy 2. Role play/ group discussion 3. Science quiz 4. Class revision test and online test	Art integrated activities
JUNE	SUMMER VACATION	H.H.W	Art Integrated activities/ project
JULY			
1- 15 (12 days)	Chapter 4 Acid,Base And Salts	To classify the given solutions as acidic and basic using litmus solution Science lab manual activity of Ch 4 Educsoft online assessment Thinksheet of ch 5	
16 - 31 (13 days)	Chapter 5 Physical and Chemical changes	To study the chemical reaction between iron nail and copper sulphate solution. Science lab manual activity of Ch 5 Educsoft online assessment	
	U.T 1 15 July- 22 July	Date of exam- 19th July 2024	
	Syllabus for unit test 1	Ch 1- Nutrition in Plants Ch 2-Nutrition in animals Ch 3- Heat	
AUGUST			
1- 15 (11 days)	Chapter 6 Respiration in Organisms	10.2 To Show that exhaled air contains Carbon dioxide. Science lab manual activity of Ch 6 Educsoft online assessment Thinksheet of ch 10	G.K UNIT Flora and fauna (Desert animals)
16-31 (12 days)	Chapter 7 Transportation in Animals and plants	To measure pulse rate under different conditions Science lab manual activity of Ch 7 Educsoft online assessment thinksheet of ch 11	G.K UNIT Flora and fauna (The world of tiny creatures)
		CLASS RECORD ASSESSMENT	

SEPTEMBER	Exam Month		
1- 15 (11 days)	Revision		
16 - 30 (12 days)	HALF YEARLY EXAMS 17 Sept- 30 Sept	SYLLABUS OF HALF YEARLY	Date of exam- 25th September 2024
		Chapter 1 - Nutrition in plants	
		Chapter 2 - Nutrition in animals and human beings	
		Chapter 3 - Heat	
		Chapter 4 - Acid,Base And Salts	
		Chapter 5 - Physical and Chemical changes	
		Chapter6 - Respiration in organisms	
		Chapter 7- Transportation in Animals and Plants	
		G.K UNIT- 3	
OCTOBER			
1- 15 (08 days)	Chapter 8 Reproduction in Plants	To grow a new plant through vegetative propagation Science lab manual activity of Ch 8 Educsoft Online Assessment Thinksheet of ch 12	G. K UNIT Science and technology (Robots an introduction, cyber quiz)
16 - 31 (12 days)	Chapter 9 Motion and time	To find the time period of a simple pendulum Science lab manual activity of Ch 9 Educsoft Online Assessment Thinksheet of ch 13	G. K UNIT Science and technology (albert einstein, abraham lincoln)
NOVEMBER			
1- 15 (10 days)	Chapter 10 Electric current and its Effects	To show the heating effect of current Science lab manual activity of Ch 10 Educsoft Online Assessment Thinksheet of ch 14	G.K UNIT Science and technology (Our doctors)
16 - 30 (13 days)	Chapter 11 Light	To show that sunlght is a combination of seven colors Science lab manual activity of Ch 11 Educsoft Online Assessment Thinksheet of ch 15	G.K UNIT Science and technology (Microorganism)
	U.T 2 18 Nov- 23 Nov	Date of exam- 21st November 2024	
	Syllabus for unit test 2	Ch 8- Reproduction in Plants Ch 9- Motion and Time Ch 10- Electric current and its effects	
DECEMBER			
1- 15 (11 days)	Chapter 12 Forest Our Lifeline	Science lab manual activity of Ch 12 Educsoft Online Assessment	S.D.G WORKSHEET 13 GOAL 15 G.K UNIT Science and technology (Computer legends, Beyond the skies)
16-31 (13 days)	Chapter 12 Continued	Thinksheet of ch 17 Educsoft Online Assessment	S.D.G WORKSHEET 7 GOAL 7
JANUARY			
16-31 (13 days)	Chapter 13 Wastewater Story	Science lab manual activity of Ch 13 Educsoft Online Assessment Thinksheet of ch 18	S.D.G WORKSHEET 6 GOAL 6
FEBRUARY			
1- 15 (12 days)		Educsoft Online Assessment	

	REVISION OF ANNUAL EXAM		
		CLASS RECORD ASSESSMENT	
16 - 28(10 days)	ANNUAL EXAM	Dates to be announced later	
	Annual Exam Syllabus	Ch 1- Nutrition in Plants Acids, bases and salts Ch 5- Physical and chemical changes Ch 8- Reproduction in plants Ch 9- Motion and time Ch 10- Electric current and its effects Ch 11- Light Ch 12- Forest our lifeline Ch 13- Wastewater story G.K UNIT 6	Ch 4-
MARCH			