

Annual & Weekly Syllabus Split-Up - 2026-27

Grade 4

Subject: Science

S.No	Month	No. of Working Days	No. of Days	Topic	Sub Topic	Teaching Aids/Resources	Classroom teaching Video Link	Activities	Art Integrated project	Pedagogy Process/Teaching Strategy	Chapterwise Notes link	Assessment		
1	APRIL	25	Week 1	4	C-1 Food: Our Basic Need	Nutrients in food. Balanced diet.	Smart Board, Scientifica ,Ncert ,PPT	https://www.youtube.com/watch?v=YiMuIDEZSNY	1. To test fat in given food item.	Art + Math Activity Draw a circle (plate) and divide it into 4 equal parts. Color each part differently	Identify different nutrients in food (carbohydrates, proteins, fats) Explain the functions of each nutrient	https://www.maxhealthcare.in/blogs/what-is-a-balanced-diet	Labeling diagram Fill in the blanks,Oral Test	
			Week 2			6		Healthy eating habits. food, spoilage and preservation.	https://www.youtube.com/watch?v=xSgPCLqIqis				2. To test carbohydrate in given food item.	
			Week 3	5	6	C-2 Clothes and Care	The need for clothes. Fibres,Fibre to fabric. The clothes in different situations and taking care of clothes.	Smart Board, Scientifica ,Ncert ,PPT	https://www.youtube.com/watch?v=PDuSnBYCQC https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	1.To make a mat like structure using two different colours of paper stripes.		Explain the need for clothes,Understand the process of fibre to fabric,Relate clothing to different seasons and situations	https://www.crestolympiads.com/topic/class-4-clothes-and-fibres	Class Test,Labeling diagram Fill in the blanks
			Week 4	4		C-3 States of Matter	matter. states of matter, solid, liquid, and gases. Changes in states of matter.	Smart Board, Scientifica ,Ncert ,PPT	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets					Understand what solutions are and their types Apply concepts through
Week 5	0													
2	JUNE	20	Week 1	6	REVISION	REVISION					https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook			
			Week 2			6								
			Week 3	6	C-4 Human Digestive System	Organs in the digestive system. The process of digestion.	Smart Board, Scientifica ,Ncert ,PPT	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	1. Conversion of starch into sugar (in mouth). 2. To keep egg in coke and observe,		Describe the step-by-step process of digestion Relate digestion to daily life and healthy habits	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook	Oral Test,Labeling diagram Fill in the blanks	
			Week 4	6	C-4 Human Digestive System	The process of digestion. Types of teeth	Smart Board, Scientifica ,Ncert ,PPT		3. Students demonstrating peristalsis with the help of socks and tennis ball.					
			Week 5	2	C-4 Human Digestive System	Maintaining a healthy digestive system,Exercise questions	Smart Board, Scientifica ,Ncert ,PPT							
3	JULY	27	Week 1	4	C-5 Human Circulatory and Excretory Systems	Human Circulatory system. Excretory system & its working	Smart Board, Scientifica ,Ncert ,PPT	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	To make a model of kidney.1- Students will be checking their pulse rate before and after exercise with the help of a blood pressure machine..		Identify parts of the circulatory and excretory systems Explain how blood circulates in the body	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook	Class Test	
			Week 2			6	C-5 Human Circulatory and Excretory Systems	Organ system working together	Smart Board, Scientifica ,Ncert ,PPT					
			Week 3	6	REVISION									
			Week 4	6	C-6 How Plants Prepare Food.	Functions of parts of a leaf.	Smart Board,Universal Science ,Ncert ,PPT	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	To collect leaves of reticulate venation To collect the leaves of parallel venation .			https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook		
			Week 5	5	C-6 How Plants Prepare Food.	How plants make food? Interdependence of plants and animals.						Make a flowchart of photosynthesis Explain how plants prepare their own food (photosynthesis)		
4	AUGUST	24	Week 1	1	C-7 How Plants Survive	Habitats and Adaptation, Plants in plains,on Mountains , plants in deserts ,in swamps,in coastal areas Aquatic plants,saprophytic plants ,Exercise questions	Smart Board, Scientifica ,Ncert ,PPT	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	Visit to birlite nursery in School Campus. To observe pitcher plant and describe. To observe mushroom and describe.		Understand the meaning of habitat and adaptation Identify different types of plant habitats	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook	Class Test	
			Week 2			6	C-8 How Animals Reproduce	Reproduction in animals. Life-cycle of different animals. Animals taking care of their young ones	Smart Board, Scientifica ,Ncert ,PPT				https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	To observe egg shell ,yolk and albumen in an egg.
			Week 3	5	REVISION	REVISION								
			Week 4	6	REVISION	REVISION								
			Week 5	5+1	REVISION	REVISION								
5	SEPTEMBER	23	Week 1	6	Term 1									
			Week 2			6								
			Week 3	5	C-9 How Animals Survive	Adaptation to the environment. Adaptation for obtaining food		https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	To observe: 1. A bird flying & Afish swimming in Aquarium		Identify adaptations for obtaining food Relate adaptations to survival in nature	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook	Labeling diagram Fill in the blanks	
			Week 4	5	C-9 How Animals Survive	Adaptation for protection. endangered species	Smart Board, Scientifica ,Ncert ,PPT							
			Week 5	3	C-9 How Animals Survive	extinct animals & Exercise questions	Smart Board, Scientifica ,Ncert ,PPT							
			Week 1	2	C-10 Force, Work and Energy	Force.,Types of forces.		https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	Identify the simple machines at home and note down your findings.		explain the effects of force in daily life Classify forces as contact and non-contact	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook	Class Test	
			Week 2			6	C-10 Force Work and Energy	Work. Simple machines, Energy	Smart Board, Scientifica ,Ncert ,PPT					

6	OCTOBER	25	Week 3	6	C-10 Force Work and Energy	Energy and its various sources.Exercise questions	Smart Board, Scientifica ,Ncert ,PPT	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets					Labeling diagram Fill in the blanks		
			Week 4	5	C-11 Soil	Types of soil. Soil profile , Soil erosion. Soil conservation.	Smart Board, Scientifica ,Ncert ,PPT	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	1 To prove that soil has air using water, beaker and soil.. 2.To prove that calyey soil holds maximum water and sandy soil minimum by an experiment	Identify different types of soil Understand the layers of soil (soil profile)	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook		Oral Test		
			Week 5	5	C-11 Soil	Soil conservation.Exercise questions	Smart Board, Scientifica ,Ncert ,PPT								
7	NOVEMBER	12	Week 1	0											
			Week 2	0											
			Week 3	0											
			Week 4	6	REVISION PERIODIC TEST - II	C-9 How Animals Survive.C-10 Force, Work and Energy									
			Week 5	5+1	C-12 Air and Water	Composition of air. Properties of air. Floating and sinking in water ,Impurities in water. Methods to remove the impurities in water.	Smart Board, Scientifica ,Ncert ,PPT			Identify the main components of air Understand the properties of ai	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook		Class Test		
8	DECEMBER	21	Week 1	5	C-12 Air and Water	Impurities in water. Methods to remove the impurities in water & Water supply to our homes	Smart Board, Scientifica ,Ncert ,PPT	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	To prove that air exerts pressure.				Labeling diagram Fill in the blanks		
			Week 2	6											
			Week 3	6	C-13 Green and Clean Earth	Importance of environment. Importance of plants and wildlife.	Smart Board, Scientifica ,Ncert ,PPT	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	With the help of CPCB website check AQI of air pollution in your area	Understand the meaning and importance of the environment Identify benefits of plants and wildlife	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook	Oral Test			
			Week 4	4	C-13 Green and Clean Earth	. Ways to save plants and wildlife. Pollution.Exercise									
			Week 5	3	winter vacation										
9	JANUARY	22	Week 1	0											
			Week 2	6	Post mid term										
			Week 3	5	Post mid term	REVISION									
			Week 4	6	C-14 Weather	Factors causing weather changes.	Smart Board, Scientifica ,Ncert ,PPT	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets		Identify the main factors that influence weather	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook		Labeling diagram Fill in the blanks		
			Week 5	5	C-14 Weather	Cloud cover,Water cycle and cloud formation & Exercise	Smart Board, Scientifica ,Ncert ,PPT						Class Test		
10	FEBRUARY	23	Week 1	6	C-15 Earth and Its Neighbours	The solar system. Features of planets in the solar system. Moon and satellites. Stars and constellations. Movements of the Earth & Exercise	Smart Board, Scientifica ,Ncert ,PPT	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=assets	Do your own research about each planet.			Understand the role of the Moon and artificial satellites Recognize stars and their significance	https://teacher.pinnaclelearning.in/book?bookId=96&userRole=teacher&isbn=9789358937053&page=17&activeTab=openBook	Labeling diagram Fill in the blanks	
			Week 2	6	REVISION	REVISION									
			Week 3	5	REVISION	REVISION									
			Week 4	6	REVISION	REVISION									
			Week 5	NA											
11	MARCH	17	Week 1	5	Annual Examination										
			Week 2	6											
			Week 3	6											
			Week 4	5											
			Week 5	3											