

## Annual &amp; Weekly Syllabus Split-Up - 2026-27

Grade 5

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	C-1 Growing Plants	Agents of Seed dispersal. Growing plants from roots	Smart Board,Scientifica ,Ncert ,PPT	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	1.Students observing and identifying various parts of a leaf. 2. Students collecting leaves of various shapes and sizes.		Reinforcement Activity Draw and label: One seed dispersed by wind, Quick brainstorming on how seeds spread.	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks, MCQ & Class test,worksheet		
			Week 2	C-1 Growing Plants	Stems and leaves. Agriculture. Effect of soil, Effect of seasons on Kharif and Rabi crops	Smart Board,Scientifica ,Ncert ,PPT		3. Students observing stomata in leaf. 4. Students identifying leaves with parallel venation and with reticulate venation						
			Week 3	C-2 Food and Health	Nutrients and their importance. balanced diet and its importance.	Smart Board,Scientifica ,Ncert ,PPT	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	To test fat in given food item.		Identify different nutrients (carbohydrates, proteins, fats, vitamins, minerals). Explain the functions of each nutrient.	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks& MCQ,worksheet		
			Week 4	C-2 Food and Health	Types of diseases, communicable, and non-communicable. Measures to prevent diseases.	Smart Board,Scientifica ,Ncert ,PPT		Students to observe the food items that have water soluble vitamins.						
			Week 5	C-3 First Aid	fire safety,preventing fire Accidents first aid safety,fire burns,sprain and fracture, snake bite	Smart Board,Scientifica ,Ncert ,PPT	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	A role play to perform a fire escape drill in class.	Activity (Math Integration) Problem-solving: Calculate safe distance to evacuate using speed × time Example: If you can move at 2 m/s and the exit is 30 m away, how many seconds will it take to reach safety? Measurement: Measure areas in classroom suitable for fire evacuation points.Roles of authorities: Fire brigade, hospitals, emergency helplines	Show pictures/videos of fire safety situations, Show items: Bandage, antiseptic, cotton, scissors	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks, MCQ & Class test,worksheet		
2	JUNE	20	Week 1	0										
			Week 2	6	REVISION	REVISION								
			Week 3	6	C-4 Rocks and Minerals	Layers of the earth. Types of rocks and their formation.	Smart Board,Scientifica ,Ncert ,PPT	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	Create your own Sedimentary rock layers.		Identify the layers of the Earth Describe characteristics of each layer.	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks& MCQ,worksheet	
			Week 4	6	C-4 Rocks and Minerals	Minerals and their uses.								
			Week 5	2	C-4 Rocks and Minerals	Exercise	Smart Board,Scientifica ,Ncert ,PPT							
3	JULY	27	Week 1	4	C-5 States of Matter	Changes in states of matter.& Solutions		<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	1. To pour water in different containers like cup, glass, bottle , kettle , test tube and observe the shape of water. 2. To observe melting of ice cream, chocolate.		Identify the three states of matter,Observe examples from daily life	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks, MCQ & Class test,worksheet	
			Week 2	6	C-5 States of Matter	Changes in states of matter. Solutions and types of solutions. Physical and Chemical changes.	Smart Board,Scientifica ,Ncert ,PPT		3. To observe burning of camphor (sublimation) 4. To convert milk into ice (freezing) 5. To mix solid (sugar) into liquid (water) and observe. 6. To mix liquid (milk) into liquid (water) and observe. 7. To observe gas (carbon dioxide) into liquid (coke).		"Ice Experiment" Place ice in a bowl Observe melting Heat water to show evaporation			
			Week 3	6	REVISION	REVISION								
			Week 4	6	C-6 The Skeletal and Muscular Systems	Skeletal system. Parts of skeletal system,bones in limbs,girdles,joints Muscular system and its types.	Smart Board,Universal Science ,Ncert ,PPT	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	1. To keep an egg in coke and observe the changes. (Students are advised not to consume soft drinks as they dissolve the bones gradually.) 2. A model of human skeleton will be shown.		Identify the parts of the skeletal system Describe bones of limbs and girdles	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks& MCQ,worksheet	
			Week 5	5	C-6 The Skeletal and Muscular Systems	Girdles,joints Muscular system and its types.					Move Your Body" Students: Rotate arms (ball & socket) Bend elbows (hinge) Turn neck (pivot)			
4	AUGUST	24	Week 1	1	C-7 The Nervous System	Nervous system. & its parts,	Smart Board,Scientifica ,Ncert ,PPT	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	To make a model of human brain with the help of modelling clay. touch and feel various objects like cotton ,wood ,iron , eraser ,sharpner etc To feel aroma of various food items. To identify various colours of the dress and objects around		Understand the nervous system and its function Identify the main parts of the nervous system	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks& MCQ	
			Week 2	6	C-7 & C-8 Animals Around Us	reflex action,Structure and functions of different sense organs i.e eye & tongue,Breathing in i.e insects,fish,frogs, reptiles,	Smart Board,Scientifica ,Ncert ,PPT	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	To visit any Zoo or any national park during vacation and paste pictures in your scrap book.			<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks, MCQ & Class test,worksheet	

			Week 3	5	C-8 Animals Around Us	Birds animals: Breathing. Feeding habits . Movements. Migration	Smart Board,Scientifica ,Ncert ,PPT				Understand how birds and animals breathe Identify different feeding habits Explain various types of movement		
			Week 4	6	REVISION	REVISION		<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>					
			Week 5	5+1	REVISION	REVISION							
			Week 1	5	Term 1								
			Week 2	6									
5	SEPTEMBER	23	Week 3	5	C-9 Force and Energy	Force. Types of forces. Various forms of energy.		<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	1. To prove that force can make an object move.		Identify different types of forces Explain various forms of energy Relate force and energy to daily life.	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks& MCQ,worksheet
			Week 4	5	C-9 Force and Energy	Renewable and Nonrenewable energy.	Smart Board,Scientifica ,Ncert ,PPT						
			Week 5	3	C-9 Force and Energy	Nonrenewable energy.& Exercise questions	Smart Board,Scientifica ,Ncert ,PPT						
			Week 1	2	C-10 Simple Machines	Simple machines and their functions		<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>			Understand what a simple machine is -Identify different types of simple machines,Reinforcement Activity ,Draw and label each type of simple machine Write its function below the diagram	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks& MCQ,worksheet
			Week 2	6	C-10 Simple Machines	Simple machines and their functions:levers ,wheel and axle, pulley, inclined plane, screw and wedge	Smart Board,Scientifica ,Ncert ,PPT		To identify load, fulcrum and effort in various types of simple machines like scissor , sea-saw(with the help of ruler and eraser ) To dismantle their own toy car which is actually a complex machine and observing various simple machines by which it is made up of.				
6	OCTOBER	25	Week 3	6	C-11 Light and Shadows	Transparent, translucent and opaque materials.	Smart Board,Scientifica ,Ncert ,PPT	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	To demonstrate rectilinear propagation of light with the help of a candle and a tube.  To make solar eclipse with the help of football(as earth), tennis ball(as moon), and torch as source of light(as sun).		Identify transparent, translucent, and opaque materials Give real-life examples of each type Observe and classify materials based on light transmission	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks& MCQ
			Week 4	5	C-11 Light and Shadows	shadow. types of shadow.			To demonstrate rectilinear propagation of light with the help of laser beam an telcum powder/chalk powder				
			Week 5	5	C-12 Air	Atmosphere. Greenhouse gases. Global warming. climate change.		<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	1. To prove that air is needed for burning. 2. To prove that air occupy space. 3. To prove that air has weight. 4. To prove that air is mixture of gases.		Identify greenhouse gases and their role Explain global warming and its causes Understand climate change and its effects,Draw a diagram showing:Greenhouse gases trapping heat Global warming effects	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks, MCQ & Class test,worksheet
			Week 1	0									
			Week 2	0									
			Week 3	0									
7	NOVEMBER	12	Week 4	6	REVISION PERIODIC TEST - II	REVISION							
			Week 5	5+1	C-12 Air	Atmosphere. Greenhouse gases. Global warming. climate change.	Smart Board,Universal Science ,Ncert ,PPT	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>					
			Week 1	5	C-13 Our Environment	Pollution. Types of pollution. Causes and effects of pollution. Ways to prevent pollution.			To use a waste plastic container to create a planter.Decorate it with paint and markers.Plant a sapling.		Show pictures of polluted air, water, and land,Draw a table with columns: Type of Pollution   Cause   Effect   Prevention Fill it with examples	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks& MCQ,worksheet
			Week 2	6	C-13 Our Environment	Waste management,Exercise	Smart Board,Scientifica ,Ncert ,PPT						
			Week 3	6	C-14 Disasters	Disasters, and their types. Causes		<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	To see a volcano in action.Make a working model of volcano.		Show pictures/videos of natural and man-made disasters.Draw a table with three columns: Disaster ,Type & Cause	<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks& MCQ,worksheet
			Week 4	4	C-14 Disasters	Effects of different natural disasters.							
			Week 5	3	C-14 Disasters	Effects of different natural disasters.							
			Week 1	0									
			Week 2	6	Post mid term	REVISION						<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	
			Week 3	5	C-14 Disasters	Precautions to be taken during different disasters. Exercise							
			Week 4	6	C-15 The Moon and Eclipses	Surface of Moon		<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>	To make a model of Solar Eclipse with the help of torch ,football and tennis ball.			<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=openBook</a>	Diagram labelling,Fill in the blanks, MCQ & Class test
			Week 5	5	C-15 The Moon and Eclipses	Phases of Moon							
			Week 1	6	C-15 The Moon and Eclipses	Solar and lunar eclipses. Exercise	Smart Board,Scientifica ,Ncert ,PPT				Show pictures of solar and lunar eclipses.Solar Eclipse Model* Use a ball (Earth), small ball (Moon), and lamp (Sun)		
10	FEBRUARY	23	Week 2	6	REVISION	REVISION		<a href="https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets">https://teacher.pinnaclelearning.in/book?bookid=118&amp;userRole=teacher&amp;isbn=9789358939132&amp;activeTab=assets</a>					

