

B.K.BIRLA CENTRE FOR EDUCATION , PUNE

ANNUAL SYLLABUS SPLIT UP -2025-26 (CLASS V)

MONTH		TOPIC	SUB TOPIC	Resources	Activity	Mid April T	Periodic Test1	Premid Term	Mid Term	Periodic Test2	Post Midterm	Annual
April 25 (23)	WEEK 1	C-1 Growing Plants	Agents of Seed dispersal. Growing plants from roots, stems and leaves. Agriculture. Effect of soil, Effect of seasons on Kharif and Rabi crops	Smart Board, Scientifica, Ncert, PPT	1..Students observing and identifying various parts of a leaf. 2. Students collecting leaves of various shapes and sizes. 3. Students observing stomata in leaf. 4. Students identifying leaves with parallel venation and with reticulate venation.	TEST			MT			
	WEEK 2											
	WEEK 3	C-2 Food and Health	Nutrients and their importance. balanced diet and its importance. Types of diseases, communicable, and non-communicable. Measures to prevent diseases.	Smart Board, Scientifica, Ncert, PPT	To test fat in given food item. Students to observe the food items that have water soluble vitamins.		PT1		MT			
	week 4	C-2 Food and Health										
	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 role play to perform a fire escape drill in class.		PT1		MT			
May 25 (2)	WEEK 1											
	WEEK 2	VACATION	VACATION									
June 25 (22)	WEEK 1	VACATION	VACATION									
	WEEK 2	C-4 Rocks and Minerals	Layers of the earth. Types of rocks and their formation. Minerals and their uses.	Smart Board, Scientifica, Ncert, PPT	Create your own Sedimentary rock layers.		PT1		MT			
	WEEK 3											
	WEEK 4	REVISION	REVISION									
	week 5	REVISION	REVISION									
July 25 (27)	WEEK 1	PT-1	REVISION									
	WEEK 2	C-5 States of Matter	Changes in states of matter. Solutions and types of solutions. Physical and Chemical changes.	Smart Board, Scientifica, Ncert, PPT	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. 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).			PMT	MT			

	WEEK 3	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	<p>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.)</p> <p>2. A model of human skeleton will be shown.</p> <p>3. Students counting number of ribs in the rib cage with the help of model of rib cage.</p> <p>4. Students identifying and locating bones of hand and leg in the skeleton and comparing.</p>			PMT	MT				
	WEEK 4	REVISION	REVISION										
	WEEK 5	REVISION	REVISION										
Aug 25 (24)	WEEK 1	Pre Mid Term	REVISION										
	WEEK 2	C-7 The Nervous System	Nervous system. & its parts, reflex action, Structure and functions of different sense organs i.e eye & tongue	Smart Board, Scientifica, Ncert, PPT	<p>To make a model of human eye with the help of tennis ball, bowl, a button, glue etc</p> <p>To make a model of human brain with the help of modelling clay.</p> <p>touch and feel various objects like cotton, wood, iron, eraser, sharpener etc</p> <p>To feel aroma of various food items.</p> <p>To identify various colours of the dress and objects around</p>				MT				
	WEEK 3	C-8 Animals Around Us	Breathing in i.e insects, fish, frogs, reptiles, Birds animals: Breathing. Feeding habits. Movements. Migration	Smart Board, Scientifica, Ncert, PPT	To visit any Zoo or any national park during vacation and paste pictures in your scrap book.				MT				
	WEEK 4	REVISION	REVISION										
	WEEK 5												
Sept 25 (26)	WEEK 1												
	WEEK 2	MID TERM EXAM	REVISION										
	WEEK 3	MID TERM EXAM	REVISION										
	WEEK 4	C-9 Force and Energy	Force. Types of forces. Various forms of energy. Renewable and Nonrenewable energy.	Smart Board, Scientifica, Ncert, PPT	<p>1. To prove that force can make an object move.</p> <p>2. To prove that force can stop a moving object.</p> <p>3. To prove that force can change the shape of an object.</p>					PT 2			ANNUAL
	WEEK 5												
Oct 25 (14)	WEEK 1	C-10 Simple Machines	Simple machines and their functions										
	WEEK 2	C-10 Simple Machines	Simple machines and their functions: levers, wheel and axle, pulley, inclined plane, screw and wedge	Smart Board, Scientifica, Ncert, PPT	<p>To identify load, fulcrum and effort in various types of simple machines like scissor, sea-saw (with the help of ruler and eraser)</p> <p>To dismantle their own toy car which is actually a complex machine and observing various simple machines by which it is made up of</p>					PT 2			ANNUAL

	WEEK 3	REVISION										
	WEEK 4	DIWALI BREAK										
	WEEK 5	DIWALI BREAK										
Nov 25 (23)	WEEK 1	DIWALI BREAK										
	WEEK 2	PT-2	REVISION									
	WEEK 3	C-11 Light and Shadows	Transparent, translucent and opaque materials. shadow. types of shadow.	Smart Board,Scientifica ,Ncert ,PPT	To demonstrate rectilinear propagation of light with the help of a candle and a tube. To demonstrate rectilinear propagation of light with the help of laser beam an telcum powder/chalk powder To make solar eclipse with the help of football(as earth), tennis ball(as moon), and torch as source of light(as sun) .						POST MT	ANNAUL
	WEEK 4											
	WEEK 5	C-12 Air	Atmosphere. Greenhouse gases. Global warming. climate change.									
Dec 25 (21)	WEEK 1	C-12 Air	Atmosphere. Greenhouse gases. Global warming. climate change.	Smart Board,Universal Science ,Ncert ,PPT	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. 5. To prove that air exerts pressure. 6. To create smoke rings in a bottle with the help of incense stick.						POST MT	ANNUAL
	WEEK 2											
	WEEK 3	C-13 Our Environment	Pollution. Types of pollution. Causes and effects of pollution. Ways to prevent pollution. Waste management	Smart Board,Scientifica ,Ncert ,PPT	To use a waste plastic container to create a planter.Decorate it with paint and markers.Plant a sapling.						POST MT	ANNUAL
	WEEK 4	C-13 Our Environment	Pollution									
	WEEK 5	winter vacation										
Jan 26 (23)	WEEK 1	winter vacation										
	WEEK 2	Post mid term	REVISION									
	WEEK 3	Post mid term	REVISION									
	WEEK 4	C-14 Disasters	Disasters, and their types. Causes and effects of different natural disasters. Precautions to be taken during different disasters.	Smart Board,Scientifica ,Ncert ,PPT	To see a volcano in action.Make a working model of volcano.							ANNUAL
	WEEK 5	C-15 The Moon and Eclipses	The surface of the Moon									
Feb 26 (24)	WEEK 1	C-15 The Moon and Eclipses	The surface of the moon. phases of the moon. Solar and lunar eclipses.	Smart Board,Scientifica ,Ncert ,PPT	To make a model of Solar Eclipse with the help of torch ,football and tennis ball.							ANNUAL
	WEEK 2	REVISION	REVISION									
	WEEK 3	REVISION	REVISION									
	WEEK 4	REVISION	REVISION									
Mar 26 (17)	WEEK 1	REVISION	REVISION									
	WEEK 2	ANNUAL EXAM	REVISION									
	WEEK 3	ANNUAL EXAM	REVISION									
	WEEK 4											

Subject teacher

HOD

Dean Academics

Principal