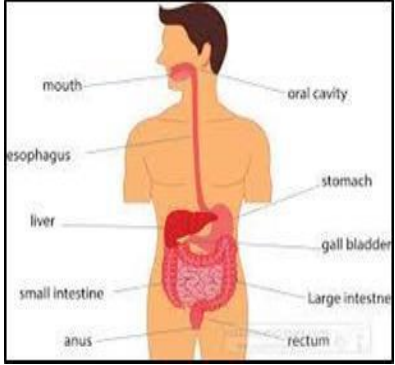
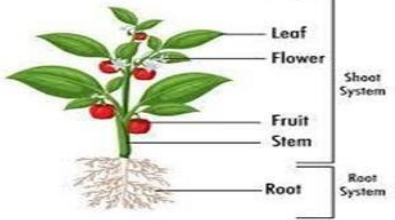
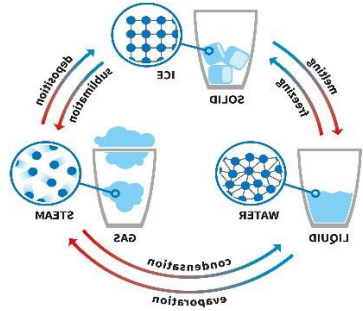
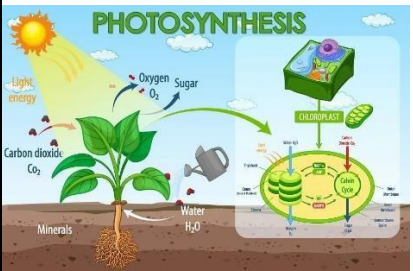
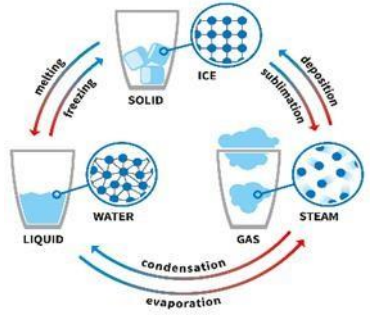
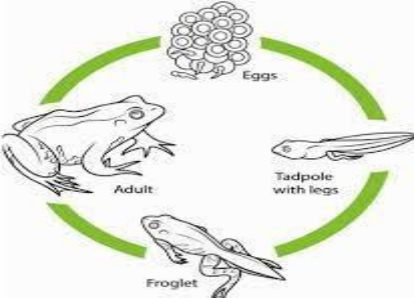
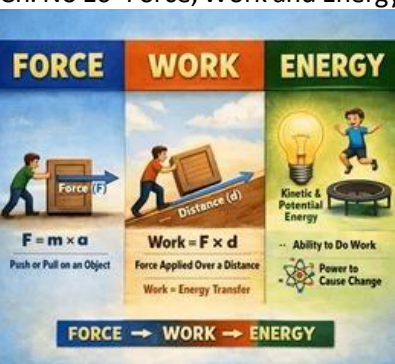


Vidya Pratishthan's									
Dr. Cyrus Poonawalla School (CBSE)									
Annual Curriculum Planning (ACP) 2026-27									
Std- IV								Sub- Science	
Sr. No	Content/ Topic	Month	No. of working days for Teaching	Learning Objectives	Expected Learning Outcome.	Activity	Teaching Aids	Assessment	21 st Century Skills
1.	Bridge course Our Body 	April	01	-To know the different parts of our body. - To know how our body works	-Students will be able to tell the functions of body parts.	- Do the exercise of inhalation and exhalation	- ICR - Stethoscope	Draw a diagram of kidney.	Creativity and Exploration
	Parts of a Plant Parts of a plant 	April	01	-To observe and describes diversity among plants in their immediate environment.	-Students will be able to tell the characteristics & functions of parts of a plant.	- Draw a diagram of parts of a plant.	- Specimens of plant	Draw a diagram of Leaf. Colour it and label it.	Scientific temper
	Solid, Liquid and gas 	April	01	- To gain familiarity with using the scientific method in investigations, as well as familiarity with other cross-cutting concepts such as energy, matter and systems that apply across the domains of science and engineering.	-Students will able to tell different states of matter. - students will be able to differentiate the solid, liquid and gas with its properties	Differentiate between the solid, Liquid and gases.	Materials which are solid, liquid and in gas.	Draw the reaction of the conversion of solid, liquid and gas.	Creativity and Critical thinking Problem solving
	Safety and First Aid 	April	01	-To describe the basic needs and protection of human beings - To discuss that how to prepare for emergency situations.	- Students will be able to follow all the safety rules -Students will be able to perform first aid procedure on the person in need	-Find out what a first aid box should contain.	First aid box with the scissors, bandage, antiseptic cream, sharp things.	-List out safety rules we should follow in school.	Problem solving and Critical thinking Self-awareness

2.	Ch. No-1 Plants- the Producers 	April	07	- To observe and describes diversity among plants in their immediate environment.	-Students will be able to tell the process of photosynthesis. -Students will be able to identify the various parts of the leaf.	- Demonstrate that green leaf contains starch with the help of alcohol. - Collect the pictures of some green and some non-green leaves and paste them into the notebook.	- ICR - Charts - Specimen - Leaf sample -Alcohol	- Observe and draw the diagram of parts of leaf & photosynthesis. - Write the Reaction of process of a photosynthesis.	Information literacy, observation, and critical thinking
3.	Ch. No-2 Eating for Life- Food 	April	07	- To know about nutrients and minerals in food. - To perform simple inquiry related to specific questions independently or in groups. -To understand need of healthy food for healthy body.	- Students will be able to explain the different types of food and need of food. - Students will be able to tell the functions of vitamins.	- Bring pictures of different food items like butter, sugar, apple, spinach, papaya, sprouts etc. for the tiffin and explain the type of food nutrient each food item is rich in.	-Specimen -Chart -Different food items	- sort the food items in the type, function, and nutrient content.	Critical thinking, Observation, Initiative, Self-awareness
4.	Ch. No-2 Safety First 	June	08	-To describe the basic needs and protection of human beings - To discuss that how to prepare for emergency situations.	-Students will be able to follow all the safety rules -Students will be able to perform first aid procedure on the person in need	-Find out what a first aid box should contain and make a first aid box with that things.	- First aid box with the scissors, bandage, antiseptic cream, sharp things.	-List out safety rules we should follow in school.	Problem solving and Critical thinking Self-awareness
5.	Ch. No-4 Clothes 	June	08	- To observe and describe cultural diversity according to the nature and environment. - To differentiate between natural and synthetic fibers.	-Students will be able to learn about the basic social and behavioral norms, values and dispositions that benefits our society and natural environment and that helps our society functions smoothly.	-Telling the difference between natural and synthetic fiber by observing it carefully.	Clothing materials like cotton, jute, silk, wool, nylon, polyester, rayon, ICR, Chart	- Tell about the ways to keep our clothes neat.	Problem solving, Creative thinking, Self-awareness, Observation
6.	Ch. No. 5 Matter- Solid, Liquid and Gas 	July	12	- To gain familiarity with using the scientific method in investigations, as well as familiarity with other cross-cutting concepts such as energy, matter and systems that apply across the domains of science and engineering.	-Students will be able to understand the different states of matter. - Students will be able to differentiate the solid, liquid and gas with its properties	Differentiate between the solid, Liquid and gases.	Materials which are solid, liquid and in gas.	Draw the reaction of the conversion of solid, liquid and gas. *Periodic Test I	Creativity and Critical thinking Problem solving
7.	Ch. No-6 Plants- Living & Surviving 	August	12	- To observe and identify the natural and social components in their immediate environment. - To observe the diversity among Plants. - To identify the needs of plants and how they can be supported.	-Students will know the meaning of habit and habitat of plants. - Students will be able to tell the importance of adaptation in plants.	- Observation of plants in biodiversity park. - Draw and colour different types of plants.	- ICR - Chart - Plant Specimens	- Observe the plants and draw them as well as colour them.	Initiative, self-awareness, Problem solving, scientific temper

8.	Ch. No. 7 Animals- Living & Surviving 	August and September	06 06	- To observe and identify the natural and social components in their immediate environment. - To observe the diversity among animals. - To identify the needs of animals and how they can be supported.	-Students will be able to know the meaning of habit and habitat of animals. - Students will be able to tell the importance of adaptation in animals.	- collect the different images of animals, paste them in the notebook and tell about their habitats. - Magic box activity.	- ICR - Chart - Animal toys - Magic box	Paste the pictures of types of houses and write their names.	Critical thinking, Scientific temper, Problem solving
9	Revision	September				-	-	*Half yearly examination	
9.	Ch. No. 8 Animal Reproduction 	October	10	-To know about the reproduction in the animals. - To observe and identify the natural and social components in their immediate environment. - To observe the diversity among animals. - To identify the needs of animals and how they can be supported.	-Students will be able to tell the reproduction in different animals and their life cycle in a particular environment.	- Draw and explain the life cycle in different animals.	-ICR - Charts.	Worksheet and Quiz	Critical thinking, Problem solving observation
10.	Ch. no. 9 Teeth and Digestion 	October	09	- To identify the natural and human made systems that supports their lives on earth	-Students will be able to tell how the digestive system works - Students will be able to tell how to take care of our teeth and body.	- Observation and drawing diagram of specimens	-Chart - ICR - Model of teeth and digestive system	- Drawing diagram and oral test	Critical thinking, Problem solving Self-awareness
11.	Ch. No 10- Force, Work and Energy 	November	10	- To gain familiarity with using the scientific method in investigations, as well as familiarity with other cross-cutting concepts such as energy, matter and systems that apply across the domains of science and engineering. - to gain the core ideas of natural science and its applications in day to day life.	-Students will be able to recall the different physical properties and where to use these properties the formation of shadow and its properties. -Students will be able to recall the concept of energy, work, its types and force, its uses.	- Identifying the different forms of energy by applying it with the help of force and work.	-ICR. - charts -Energy producing instruments	Worksheet and quiz	Productivity, Creativity, Critical Thinking Awareness and problem solving
12.	Ch. No. 11 Air, Water and Weather 	December	10	-To know about air, its properties, Water-water cycle. -To understand weather and different seasons. - To identify the natural and human made systems that supports their lives on earth	-Students will be able to tell the content of air and water. - Students will be able to differentiate between different seasons. - Students will be able to learn about water cycle.	-Make a poster on the importance of keeping the air clean and add a slogan.	-ICR. - Charts.	Draw, colour and label the diagram of water cycle.	Productivity, Awareness Problem solving Media literacy

13	Ch. No. 12 The Solar System 	January	12	- To identify the natural and human made systems that supports their lives on earth. - To gain familiarity with using the scientific method in investigations, as well as familiarity with other cross-cutting concepts such as energy, matter and systems that apply across the domains of science and engineering.	- Students will be able to tell about the sun and planets. - Students will be able to recall the solar system and about the moon, stars constellation.	-Cut out stars of silver paper and make a chart showing any one constellation - Draw the diagram of phases of moon	- ICR - Model of Solar system - Projector	- Write about your favourite planet and reason behind it being the favourite. - Worksheet * Periodic test II	Creative thinking, Scientific temper Information Literacy
14.	Ch. No-13 The Environment 	February	10	- To identify the natural and human made systems that supports their lives on earth. - To create an awareness about pollution and its side effects on our environment.	-Students will be able to tell the importance of environment and the how to maintain healthy balance between human and nature. - Students will be able to learn about 3R's rule to manage the waste and avoid pollution.	- Reading story book - Creating best out of waste	-ICR. -Charts	- Create a slogan to save the nature and avoid environmental pollution	Creativity, Information literacy Awareness Problem solving
15.	Revision	February and March	09	- To revise syllabus for exam. - To be prepare for the examination	-Students will be able to recall all the chapters very well. - Students revise all chapters	Read and understand the questions and answer them.	Textbook Notebook ICR	Worksheet and quiz * The Second Terminal Examination	

• **Subject Teachers-**

- Mrs. Bhoopali J.
- Mrs. Priya k.
- Mrs. Fiza K.

Moderator

Principal