

BHARTIYA VIDYA MANDIR SENIOR SECONDARY SCHOOL					
SECTOR-39, CHANDIGARH ROAD,LUDHIANA					
SYLLABUS OF CLASS VI					
BOOK:CURIOSITY		SUBJECT:SCIENCE		SESSION:2026-27	
MONTH	CHAPTER NAME	LEARNING OBJECTIVES	RESOURCES/E-RESOURCES		LEARNING OUTCOMES/ SKILLS LEARNT BY STUDENTS
APRIL	CH-1 THE WONDERFUL WORLD OF SCIENCE	LEARNERS SHOULD BE ABLE TO: *develop curiosity and interest in the study of Science. *understand that Science is a systematic study of the natural world. develop scientific attitude such as questioning, logical thinking, and problem-solving. *connect scientific knowledge with real-life situations.	*Discussion *Questioning *Contextual teaching and learning *Chalk and Board	https://www.youtube.com/live/M-aL893u9PE?si=sRkkJQhckt_6y3V9	Students will understand the meaning and importance of Science and its role in daily life. They will develop curiosity, observation skills, and a scientific attitude towards the world around them. SKILLS: *Observation *Logical Reasoning *Classification
	CH-2 DIVERSITY IN LIVING WORLD	LEARNERS SHOULD BE ABLE TO: *Understand the concept of sorting and grouping of materials *Understand that same materials can be used to make multiple objects. *Sort objects into different groups based on their properties *Know the basis of classification of objects *Understand various physical properties-lustre, transparency, translucence, opaqueness.	*Contextual teaching and learning *Chalk and Board *Assignment *Questioning Activity: To observe reticulate and parallel venation in leaves.	https://www.youtube.com/live/IAezrFPEy-g?si=2RhFj18hNGselZo5	Students will understand that living organisms show wide variety in form and habitat, group plants and animals on the basis of observable features and recognize how different organisms adapt to their surroundings. SKILLS *Gathering data and classification *Sorting and grouping *Analysis *Conclusion
	CH-3 MINDFUL EATING: A PATH TO A HEALTHY BODY	LEARNERS SHOULD BE ABLE TO: *Understand the importance of healthy and balanced eating habits. *Identify nutritious and junk foods. *Develop awareness about mindful eating practices. *Adopt healthy food choices for a better lifestyle.	*Contextual teaching and learning *Chalk and Board *Concept Mapping Activity- To make healthy food pyramid and to test the presence of starch ,fat and carbohydrate in food items.	https://youtu.be/3ZPwK95GNJU?feature=shared	Students will understand the importance of mindful eating and healthy food choices. They will learn to identify nutritious foods, develop healthy eating habits, and recognize how balanced diets contribute to a strong and healthy body. SKILLS: *Observation, *Experimentation *Conclusion *Scientific thinking and temper *Drawing and labelling

MAY	CH- 4 EXPLORING MAGNETS	LEARNERS SHOULD BE ABLE TO: *Recognise the magnets. *Differentiate between magnetic and non magnetic materials. *Know about the discovery of magnet. *List out the properties of magnets. *Explain the uses of magnets.	*Learning by doing *Chalk and Board *Explanation and discussion Activity: *Using a compass to find the directions at a given place. *To observe bar magnet, horse shoe magnet and see what happens when they are placed together and identify like and unlike poles.	https://www.youtube.com/live/zdz_B8GtJA4?si=t9pgl1PDXHa14jNh	Students appreciate the importance of magnets in real life.They understand the properties of a magnet and their applications. SKILLS: *Observation * Scientific attitude
	CH-5 MEASUREMENT OF LENGTH AND MOTION	LEARNERS SHOULD BE ABLE TO : *Compare between standard and nonstandard units of measurement. *Understand standard units of measurement of distance. *Compare different types of motion.	*Brainstorming *Questioning *Discussion *Chalk and Board Activity- To measure approximate length of a curved line.	https://www.youtube.com/live/aqzzNcTBhCs?si=oM0jSSoYmMB-Tcfg	Students can define types motion like rectilinear,periodic,circular motion. They know about importance of standard units of measurement in day to day life. They can solve related numericals. SKILLS: *Problem solving *Measurement *Conclusion
JUNE	SUMMER VACATIONS				
JULY	CH-6 MATERIALS AROUND US	LEARNERS SHOULD BE ABLE TO: *Identify different materials found in their surroundings. *Classify materials based on properties like hard/soft and soluble/insoluble. *Observe and compare physical properties of various objects. *Understand the uses and importance of materials in daily life.	*Brainstorming *Questioning *Discussion *Chalk and Board Activity- To classify objects in different categories and make a classification chart	https://www.youtube.com/live/dyrJ8GZpWpc?si=DxSiNpJ0MQF1JMZ1	Students will learn to identify and classify different materials based on their properties. They will understand how the properties of materials decide their uses in daily life. SKILLS: *Classification *Observation *Grouping
	CH-7 TEMPERATURE AND ITS MEASUREMENT	LEARNERS SHOULD BE ABLE TO: *understand the concept of temperature as a measure of hotness or coldness. *recognize the limitations of touch in determining temperature. *use clinical thermometer to measure body temperature. *understand the features and use of laboratory thermometer and precautions while using. *differentiate between Celsius,Fahrenheit and Kelvin scale *understand the concept of air temperature and its importance.	*Chalk and Board *Learning by doing method *Discussion Activity- *To observe and determine the range of laboratory thermometer. *Conversion exercise between Celsius and Kelvin scales.	https://www.youtube.com/live/Lu5_h5E141w?si=JMtooEcxc-r_4B8v	Students appreciate the importance and need of thermometers for measurement of temperature.They are able to take readings on thermometer. SKILLS: *Scientific attitude *Observation *Calculation

AUGUST	CH-8 A JOURNEY THROUGH STATES OF WATER	LEARNERS SHOULD BE ABLE TO: *identify three states of water *understand the process of evaporation and condensation. *describe the factors that affect rate of evaporation. *explain cooling effect of evaporation and its applications. *understand water cycle. *apply their understanding of states of water to real life situations	*Chalk and Board *Brainstorming *Experiential learning method Activity- To make a model on water cycle.	https://www.youtube.com/live/jAcAXtj0wzA?si=Uf8vbH56saafVZK	Students are now able to identify states of water .Students appreciate the importance of evaporation and its cooling effect. They are able to understand real life situations related to factors of evaporation. SKILLS: *Scientific temper *Observation *Analysis
SEPTEMBER	REVISION	LEARNERS SHOULD BE ABLE TO: Revise all the concepts in a proper manner and clear their doubts, for Term 1 Examination.	*Interaction and discussion method in the class		SKILLS: Skills of inquiry and learning
OCTOBER	CH-9 METHODS OF SEPARATION IN EVERYDAY LIFE	LEARNERS SHOULD BE ABLE TO: *identify types of mixtures and their separation techniques *describe methods of separation and principle behind them	*Chalk and Board *Brainstorming *Concept Mapping *Discussion and explanation	https://www.youtube.com/live/-3MJIHqc8yg?si=WGZjfMtwHC7mxdO9	Students will be able to identify different types of mixtures and the need for separation describe and demonstrate various methods of separation and principle behind them SKILLS: * Observation *Scientific temper *Drawing skills
	CH-10 LIVING CREATURES: EXPLORING THEIR CHARACTERISTICS	LEARNERS SHOULD BE ABLE TO: *differentiate between living and non living things based on their special features. *understand characteristics essential for living(movement,nutrition,growth,respiration,excretion, respond to stimuli,reproduction) *understand concept of seed germination. *understand lifecycle of plants *describe lifecycle of different animals(e.g. mosquito and frog) *	*Chalk and Board *Brainstorming *Concept Mapping *Discussion and explanation. Activity- *To make a model or a picture book showing lifecycle of a frog/mosquito. *Creating a poem about the lifecycle of a chosen organism.	https://youtu.be/f9IXbmTtXa0?si=-W-oL8inFlasy0zM	Students are able to list the basic characteristic features essential for living.They get familiar with the lifecycle of frog , mosquito and are able to explain it. SKILLS: *Observation *Scientific temper *Drawing skills
NOVEMBER	CH-11 NATURE'S TREASURE	LEARNERS SHOULD BE ABLE TO: *identify and describe various natural resources. *understand the importance of air and its composition. *recognize the significance of water and methods of water conservation. *explain the role of the Sun as the main source of energy. *understand the importance of forests and soil. *explain fossil fuels and their environmental impact. *recognize the need for conservation of natural resources.	*Interaction and discussion *Chalk and Board method Activity- *Group discussion on ways to conserve natural resources. *Making a firki (paper pinwheel) to demonstrate wind energy.	https://www.youtube.com/live/gGo1Qj1udrE?si=qBvlnMf9V5_9N5Cg	Students are able to appreciate the importance of natural resources and they understand the alarming need of their conservation. Students know about air composition, fossil fuels, rocks and minerals. SKILLS: *Interactive skills *Critical thinking *Sorting and grouping *Scientific attitude

	CH-12 BEYOND EARTH	LEARNERS SHOULD BE ABLE TO: *identify and describe celestial objects visible in the sky. *understand the concept of constellations and their cultural significance. *describe the basic structure of our solar system. *differentiate between stars and planets. *understand the Earth's place in our solar system and the Milky Way galaxy.	*Demonstration method *Interaction and discussion *Concept mapping Activity: *To identify Venus in the night sky *To identify constellations: Orion and Sirius	https://www.youtube.com/live/Clk0f-HggAg?si=24pMP-Y5vx_ZIIF	Students appreciate the vastness of universe and the ongoing research for extraterrestrial life. They understand the concept of stars, planets, solar system and galaxy. SKILLS: *Observation *Conclusion *Scientific temper *Critical thinking
DECEMBER TO FEBRUARY	REVISION	LEARNERS SHOULD BE ABLE TO: Revise all the concepts in a proper manner and clear their doubts, for Term 2 Examination.	*Interaction and discussion method in the class		SKILLS: Skills of inquiry and learning
REPEATED CHAPTERS FROM TERM-1 (CH-1,3,5,6,7,8)					