



SANT NANDLAL SMRITI VIDYA MANDIR, GHATSILA

SYLLABUS –STD.VI

SESSION- 2025 – 26

SUBJECT - SCIENCE



MONTH	WD	No of classes	TOPICS TO BE TAUGHT	ACTIVITIES	LEARNING OUTCOMES	VALUES
APRIL	21	24	Ch-1 Source of food Function of food Sources of food Food habits Ch -3 Cloth materials – fibre to fabric Fibres and fabrics Types of fibres (natural and man made fibres) Development of clothing material Ch- 11 Measurement Measurement Standard unit periodic test 1	To paste samples of different food items in their activity copy. To collect sample of different types of fibres available at home. And identify whether it is natural or synthetic fibres To measure the length and breadth of our desk by using handspan, cubit and ruler	To be able to understand the sources of food. Parts of plant eaten as food Understand herbivores, carnivores & omnivores	Resource management.
					Learn about different types of cloth material Study about cotton and jute plants fibres and types of soil required for their growth	Strength of unity Patience
					Understand the need and importance of measurement Know the need of standardization of units S.I units	Uniqueness Correction
MAY + JUNE	9 11	11 13	Ch – 2 Components of food Types of food Types of nutrients and their sources Balanced diet Under Nutrition and malnutrition	To mark any five states on the map of India and find the famous dish of the state .	To be able to understand and define all the components of food and their functions	Resources management
JULY	26	28	Ch – 4 Different kinds of Materials Sorting Need of classifying object Properties of materials Ch – 16 Water a natural resource PT 2	To group objects on the basis of their Solubility in water Model/ chart on water cycle	Know the importance classification Group things on the basis of common properties Water cycle, condensation, evaporation, precipitation,	Awareness Curiosity Resource management



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AUGUST	24	28	Ch- 12 Objects in motion Rest and motion Periodic and non periodic motion Circular motion Ch- 7 living and non living things Things around us Characteristics of living things Characteristics of non living things Ch- 6 changes around us Reversible and irreversible changes Physical and chemical changes	To find that the motion of a pendulum is a periodic motion Identify 5 living and 5 non-living things based on characteristics Identify common changes happening around you. Classify them into physical and chemical changes	Establish the concepts of rest and motion, types of motions Understand things around them. Learn characteristics features of living and non-living things Identify the type of changes Know that changes can be physical or chemical in nature	Uniqueness Consciousness Awareness Dependability
SEPT	21	15	Revision & Half yearly Ch – 14 Electricity & Circuits Electricity Electric circuit Electric conductors and insulators	To make an open and close circuit	To be able to define electricity and charge . Understand the harms and uses of electricity	Alertness Team work
OCT	18	19	Ch –13 light, shadow and Images Light and properties of light Shadow Eclipses Reflecting surface or mirrors and images Exercise Ch –5 Separation of substances Components of mixture Methods of separation Solution Application of separation of mixtures	Experimentally show how light travels in a straight line To test for the solubility of different substances [salt, sugar, chalk powder, soil]	To be able to understand and define light and its properties and know its importance Methods of separation solution Application of separation of components in daily life	Dependability Uniqueness Individuality Purity



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NOV	23	20	<p>Ch- 8 Habitat of the living things Types of habitats Adaptations Components of habitats Role of biotic components Effect of abiotic factors on living beings Interaction between biotic and abiotic components Ch -15 Introduction to magnetism Discovery of magnet Magnet and properties of magnet Making and precautions of magnet Uses of magnet</p>	<p>Concept map on habitats separation of magnetic and nonmagnetic materials using magnet</p>	<p>To be able to understand and define the terms climate and weather & it's differences Factors affecting them How organisms adapt different climate To understand magnets and magnetic properties.</p>	<p>Adaptability Adjusting to situations Strength Awareness</p>
DEC	19	21	<p>Ch – 9 plants – form and functions Flowering and nonflowering plants Structure and function of a plant Leaves and structure of leaf Flower and structure of a flower Ch –10 Animals - form and functions Organization of living organisms Skeleton system Types of joints Locomotion in animals</p>	<p>To study various types of roots in plants Study of the skeleton to identify the movable and immovable joints</p>	<p>To be able to understand the different plant part with details. To be able to understand and define the different types of joints and their importance.</p>	<p>Teamwork Unity Team work</p>



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JAN	22	24	Ch – 17 air around us Air is present everywhere Composition of air Importance of air Exercise Ch – 18 Dealing with wastes Waste generation Classification of wastes Hazards of waste accumulation Waste disposal	To show that air occupies mass Make a compost pit in your home	To understand the importance and uses of air and air pressure in ours daily life To understand the term garbage how it is created and how to dispose it effectively	Unity Uniqueness Integrity Cleanliness Awareness
FEB	22	25	Revision + Annual examination			

Subject Teacher: Indu Kumari/ Farzana Parween/ Sushma Bishayee

Principal