



SANT NANDLAL SMRITI VIDYA MANDIR, GHATSILA

YEARLY SYLLABUS OF SCIENCE

SESSION – 2025-26

STD – V



MONTH	W. DAYS	TOPIC TO BE TAUGHT	ACTIVITY	VALUES&SKILLSIMP ARTED	LEARNING OUTCOME	ASSESSMENT
APRIL	23	<p>Growing plants</p> <p>Structure of seed and its germination.</p> <p>Pollination</p> <p>Seed dispersal.</p> <p>Vegetative Reproduction.</p> <p>Flower and its parts.</p> <p>Life cycle of plants- Pollination, Fertilization and Seed production.</p> <p>Agriculture and crops</p> <p>Fertilizer and Pesticide..</p> <p>Scientist - Dr M.S Swami Nathan Frank</p>	<p>★ Growing seeds.</p> <p>* Find out how soil is prepared for pots in the school?</p> <p>★ Four group charts</p> <ul style="list-style-type: none"> • Seeds that are cereals. • Seeds that are pulses • Seed that give us oil • Seeds used for flavoring <p>*Find out information about hydroponics (spinach , mint, lettuce),multiple cropping(rice, wheat seasonal rotation(intercropping pair maize, soyabean)) and crop rotation(4 years crop rotation Maize-1, Beans-2, Green plants-3,Cassava-4).</p>	<p>*Caring</p> <p>*Growing plants to save the Earth.</p> <p>* learn to Plant tree</p>	<p>1.How seeds help in Reproduction?</p> <p>2.How plants reproduce by other parts ?.</p> <p>•Germination of seeds in correct order.</p>	<p>Take them to the garden to show the Vegetative Propagationn and taught Grafting, layering and stem cutting.</p> <p>Name the states where following crops are grown-: Wheat and maize- Coconut and rubber- Rice and jute. LOA – Germination of plant.</p>



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<p>APRIL & MAY</p>	<p>7</p>	<p>Habitats of Animals</p> <p>*Animals as producer, consumer, scavengers and decomposer.</p> <p>*Rearing of useful insects-Apiculture and Sericulture.</p>	<p>*Excursion</p> <p>*Collect the pictures of different animals and group them into the four main habitats.</p> <p>*Visit the Biology laboratory in school and try to find a frog kept in a big jar. Make five observations about adaptations that help it to live in water.</p>	<p>*Adjustment for better survival.</p> <p>*Learn to rear animals.</p>	<p>To learn about different habitats of animals.</p>	<p>•Written Test of 10 marks to be taken.</p> <p>•During winter Riya visited Jim Corbett park.</p> <ol style="list-style-type: none"> 1. What animal do you think she saw? 2. What difference she come to know between a century and zoo? 3. What is the aim of Jim Corbett Park? 4. Why did the government start this project?
<p>JUNE</p>	<p>12</p>	<p>SUMMER VACATION</p> <p>Adaptation in Animals.</p> <p>Movements, body covering and Breathing of Animals.</p> <p>*Vertebrates & Invertebrates.</p>	<p>*Draw figures showing different breathing organs of different animals.</p> <p>*Make models of aquarium.</p> <p>*Collect pictures and information about five endangered animals. Paste the pictures on a chart paper and also write the information about them with the heading "Save Endangered Animals(Bengal Tigers, Giant Panda, Asian elephant, Snow leopard, Blue whale, Black Rhino, Sea</p>	<p>*Team Spirit</p> <p>* Be caring</p>	<p>To know why movement and breathing organs are different in animals?</p> <p>To learn what steps to be taken to save endangered animals.</p>	<p>•Call them to the black board to draw any one organ one by one. Either body covering or movement or breathing organs</p> <p>•Self-assessment From Frank experience science page-89 (6 question)</p> <p>Assessment- 4 more questions .</p>



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			turtle.)"			
JULY	26	<p>Skeleton System</p> <p>REVISION</p> <p>Our Nervous System</p> <p>Brain and spinal cord</p> <p>Revision of Circulatory System</p>	<p>*How reflex action done by spinal cord-with the help of a role play.</p> <p>*Write five differences between the brain and computer.</p> <p>*Model of skeleton system to be arranged by them in class.</p> <p>*Students will make model of circulatory system.</p>	<p>* Develop skill to take care of our Organ system.</p> <p>Care for sense organs.</p> <p>*To develop interpersonal relationship skill.</p> <p>* our body is very precious.</p>	<p>To learn about our bones, their arrangement and functions.</p> <p>To be aware of various joints and their working.</p> <p>To know about organs of Nervous system and circulatory system and their functions.</p>	<p>10 MCQs to be given to check their learning. (LOA)</p>
AUGUST	23	<p>Air and Water</p> <p>Our environment</p>	<p>*Demonstrate – Removal of insoluble impurities by the process of Sedimentation, Decantation and Filtration.</p> <p>*Draw or paste a picture of purification of drinking water in township. (Sapphire pg-99)</p> <p>*Some of the activities are given below which we usually do .Identify the effect of these activities and what should be the right way to do the same.</p>	<p>*To develop problem solving skill.</p> <p>*Caring</p>	<p>To learn more about air, its composition and properties. Water and its properties</p>	<p>*Group discussion by How & Why to save natural resources?</p> <p>*How can we help save minerals for the future?</p> <p>*Why should we be careful while using coal and petroleum?</p> <p>)</p>



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			<p>Throwing garbage outside the bin. Throwing waste bottles in river. Using non-pollution check vehicles. Listening to loud music.</p>			
SEPTEMBER	23	<p>Food and Health</p> <p>*Food & its components. *Food chain and Web. *Storage , spoilage and wastage of food. *Preservation of perishable and non perishable food</p> <p>Safety and first aid</p>	<p>*Work in groups of 5-6 students. Enact a role play on any one of the following topics and present it in class. *Find the LOGO of WWF. What is its mission? *Preserve any one food by any method and explain it. * Role play on different first aid -burn, cut, fracture</p>	<p>Health is precious than wealth. So we should take care of it. * Learn to preserve food. *To develop problem solving skill. *Save water *Water is precious.</p>	<p>To know about food values of different components of food. To be cautious against diseases and learn how to maintain hygiene.</p>	<p>Tell them to bring different food and ask them about vitamins and minerals present in them.(Oral) Survey activity Ratna Sagar -Living science page number 23 (10 marks 5 questions)(LOA) Monthly Test of 10 marks to be taken.(LOA</p>



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		<p>Types of force</p> <p>Energy and its types</p> <p>-Simple machines</p> <p>Solid, liquid, gas</p>	<p>*Look at the pictures and identify chemical and physical changes.</p> <p>*Can you lift a cube of ice from a class of water without touching it? (V-connect Pg-66)</p>	<p>machines.</p> <p>*Energy is precious.</p> <p>*Time is Precious so we should do our work very fast.</p> <p>*Please give us shadow to rest so we should plant more trees.</p>	<p>and their uses.</p> <p>Different types of simple machines we use in our daily life.</p> <p>To learn about light and shadow.</p>	<p>machines and tell them to segregate.</p> <p>10 MCQs (LOA)</p> <p>Categorize the material listed in the box given below as transparent transparent and opaque materials.</p>
JANUARY	19	Light and shadow	<p>*Change a transparent object into translucent and opaque into the transplant object</p>	<p>*Learn to appreciate our natural resources.</p> <p>*We should learn about except the atoms and molecule changes and their roles occur in the changing our life. State of matter physical and chemical</p>	<p>To learn about states of matter, atoms, molecules, physical and chemical changes.</p>	<p>Categorized reversible and irreversible changes from the following-</p> <p>Draw arrangement of molecules in solid liquid and gas.</p>



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		Measurement	<p>*Express your school hours into minutes.</p> <p>*Measure length of your classroom.</p>	<p>changes.</p> <p>*Developing skills of measuring things in their daily life.</p>	<p>To know about different measuring scales and their units.</p>	<p>Make a measurement chart.(Group activity) 10 MCQs (LOA)</p>
FEBRUARY	22	REVISIONAND ANNUAL EXAM.				

Sujata Verma
Subject Teacher

Co-ordinator

Primary Incharge

Principal