

NAVY CHILDREN SCHOOL, PORT BLAIR
SPLIT UP SYLLABUS 2024-2025
CLASS – V
EVS

S.NO	MONTH	NAME OF THE CHAPTER	NO. OF TEACHING PERIODS	CONCEPTS TO BE TAUGHT	LEARNING OUTCOMES	SUGGESTED ACTIVITY
1.	APRIL	1.SuperSenses	08	1. Recapitulate five human senses. 2. Strong super sense of animals. 3. Different modes of communications in animals. 4. Pleasant and unpleasant smell. 5. Camouflage and hibernation in animals. 6. Protection of natural environment. 7. Awareness about PETA act.	1. To learn about five senses of humans. 2. To gain knowledge on strong super sense of animals (smell). 3. To identify sense of sight and different modes of communication in animals. 4. To differentiate pleasant and unpleasant smell. 5. To understand about camouflage and hibernation in animals. 6. To generate awareness about protection of natural environment.	1. Prepare an album of five animals and add a note on their super senses & their functions. 2. Make a clay model of animal's sensory organ, such as an enlarged eye, nose, ear, teeth etc. 3. Observe the pictures given in the textbook and write for how many hours a day these animals sleep. 4. Mapwork- National Park and their locations.

		<p>2. A Snake Charmer's story (EE Lesson)</p>	04	<p>1.Culture, tradition and lifestyle of snake charmers.</p> <p>2.Different types of poisonous and non-poisonous snakes.</p> <p>3. Snake rangoli-Naag Ghumpha.</p> <p>4. Discussion on various uses of animals and festivals associated with animals celebrated in India</p> <p>5.Awareness about animal cruelty and steps taken to prevent such acts.</p>	<p>1.To know culture, tradition and lifestyle of snake charmers.</p> <p>2.To understand how snake charmers helped people.</p> <p>3.To understand snakes are friends of farmers.</p> <p>4.Learn about fangs, ducts, etc.</p> <p>5.To know about the snake rangoli – NAAG GHUMPHA.</p> <p>6.To become sensitive about act of cruelty and discussion on laws for protection of animals.</p> <p>7.To learn about animal products used by us.</p> <p>8.To identify the musical instruments used in the been party.</p> <p>9.To identify poisonous snakes and non-poisonous snakes.</p>	<p>1.Collect pictures of 2 poisonous and 2 non-poisonous snakes of India and write few lines on them.</p> <p>2. Make designs of NaagGhumphanrangoli.</p> <p>3. Make a list of Musical instruments used in been party.</p> <p>4. Draw Snake fangs, ducts.</p> <p>5.Make a note on the first aid to be given at the time of a snake bite.</p>
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		3. From Tasting to Digesting	08	<p>1. Different parts of tongue and taste buds.</p> <p>2. Role of saliva in digestion process.</p> <p>3. Parts of digestive system.</p> <p>4. Importance of water in human body.</p> <p>5. Food Pyramid and various food components (protein, carbohydrate, fat, vitamins & minerals and roughage)</p> <p>6. Benefits and requirements of Balanced Diet</p> <p>7. Difference between proper food and improper food.</p>	<p>1. To identify the food items by their taste and smell.</p> <p>2. To gain knowledge about tongue and location of different taste buds on it.</p> <p>3. To understand that digestion of food starts with chewing in mouth.</p> <p>4. To learn about chewing and the role of Saliva.</p> <p>5. To identify the organs of digestive system and learn their names.</p> <p>6. To know the importance of water in our body and how ORS helps in maintaining water during dehydration.</p> <p>7. To understand how glucose gives energy instantly.</p> <p>8. To know the difference between proper (healthy) food and junk food.</p>	<p>1. Draw the diagram and label the taste areas of the tongue.</p> <p>2. Label the parts of the digestive system in a picture.</p> <p>3. Chart of balanced diet and Food pyramid.</p> <p>4. Preparation of ORS solution in the class using kitchen ingredients.</p>
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2	June	4. Mangoes round the year	08	<p>1. Food spoilage and ways to prevent spoilage of food.</p> <p>2. Mangoes-ripe and unripe and products prepared from mangoes.</p> <p>3. Food preservation.</p> <p>4. Information printed on food products like-expiry, weight, date of packing.</p>	<p>1. To learn difference between Food spoilage and wastage of food.</p> <p>2. To learn about various ways to prevent spoilage of food.</p> <p>3. To know about Mamidi tandra.</p> <p>4. To know about preservation of food items for longer span.</p> <p>5. Introducing the concept of Milk Pasteurisation.</p>	<p>1. Experiment on food spoilage using bread/roti and recording the changes.</p> <p>2. Collect wrappers of various food items and observe the details of manufacturing date, expiry date, ingredients, nutrition value, weight, etc.</p> <p>3. Flow Chart to prepare aampapad.</p> <p>4. Make a list of things made from ripe and unripe mangoes.</p>
3	JULY	5. Seeds and Seeds	08	<p>1. Seed germination and Stages of seed germination.</p> <p>2. Parts of seed.</p> <p>3. Different types of seeds (monocot and dicot).</p> <p>4. Uses of seeds</p> <p>5. Various agents and methods of dispersal of seeds.</p>	<p>1. To learn about seed germination and different types of seeds.</p> <p>2. To know about the number of seeds in fruits and parts of seed.</p> <p>3. To know that some plants grow without seeds.</p> <p>4. To learn about uses of seeds and their dispersal.</p>	<p>1. Experiment on Beans seed showing various stages of germination.</p> <p>2. Draw various stages of seed germination.</p> <p>3. Draw fruits with (a) one seed (b) few seeds (c) many seed.</p> <p>4. Group activity: Bring and display different types of seeds that are dispersed by different</p>

				<p>6. Insectivorous plants.</p> <p>7. Some plants that grow without seeds</p>	<p>5. To understand about insectivorous plants.</p>	<p>agents (like water, air, animals etc.)</p> <p>5. Collect various types of seeds and stick on activity sheet.</p>
		<p>6. Every drop count (E.E Lesson)</p>	<p>06</p>	<p>1. Importance of Rain water.</p> <p>2. Traditional ways of conservation of water.</p> <p>3. Places in India facing water scarcity issues.</p> <p>4. Old and new water storage techniques.</p> <p>5. Role of municipality and Jal board Nigam.</p> <p>6. Groups working for water arrangement.</p>	<p>1. To know importance of rain water.</p> <p>2. To know water storing ways of ancient and modern time.</p> <p>3. To understand water bill and working of jal board.</p> <p>4. To think upon water problem resolving issues.</p>	<p>1. List natural water resources during old age and modern age.</p> <p>2. Discussion on a sample water bill and working of Jal board.</p> <p>3. Make a poster on "Save Water"</p> <p>4. Make a list of the Customs and festivals related to water.</p>
<p>TERM I ASSESSMENT 1</p>						
				<p>1. Objects which float and sink in water.</p> <p>2. Concept of Solute, Solvent and Solution.</p>	<p>1. Observe that a few things float and few things sink in water.</p> <p>2. Learn about Solute,</p>	<p>1. Classification of things to see which float, which sink and which mix with water.</p>

4	AUGUST	<p style="text-align: center;">7. Experiments with water</p>	07	<p>3. Buoyant force and density (concept to be introduced through activity without using the term).</p> <p>4. Concept of Water as a “Universal Solvent”.</p> <p>5. Evaporation.</p> <p>6. States of Water.</p> <p>7. Basic concepts about liquids and litre as unit of measurement of volume.</p> <p>8. Interesting facts about Dead Sea</p>	<p>Solvent and solution.</p> <p>3. Know about buoyant force and gravitational force.</p> <p>4. Know that Water is a “Universal Solvent”.</p> <p>5. Understand about Evaporation and 3 forms of water.</p>	<p>2. Experiment on Racing drops.</p> <p>3. Making NimbuPaani with water.</p> <p>4. Experiment to observe three forms of water.</p> <p>5. Discussion on ‘DandiYatra’ by showing a video clip.</p> <p>6. Paste pictures of objects we obtain from sea.</p>
		<p style="text-align: center;">8. A Treat for Mosquitoes</p>	07	<p>1. Concept of Anaemia.</p> <p>2. Reading a blood report.</p> <p>3. Malaria disease.</p> <p>4. Discovery of Sir Ronald Ross.</p> <p>5. Prevention measures from mosquito.</p> <p>6. Balanced diet.</p> <p>7. Diseases caused by flies.</p>	<p>1. Learn about Anaemia.</p> <p>2. Students able to read and understand a blood report.</p> <p>2. Students able to observe and identify the symptoms of Malaria.</p> <p>3. Understand the valuable discovery of Sir Ronald Ross.</p> <p>4. Learn about prevention measures</p>	<p>1. Street Play on creating awareness about malaria.</p> <p>2. Draw life cycle of mosquito.</p> <p>3. Discussion on a sample blood report.</p> <p>4. Observe any nearby breeding pond, river and noting the observations.</p> <p>5. Class activity on iron rich food (ask children to</p>

				8. Investigation and pathological report.	<p>from mosquito.</p> <p>5. Understand the importance of Balanced/Healthy diet.</p> <p>6. Know about the diseases caused by flies.</p>	<p>bring iron rich food in their lunch box).</p> <p>6. Visit to pathological department of nearby hospital</p>
		9. Up you Go! (EE Lesson)	05	<p>1. Adventurous and Challenging sides to climb a mountain.</p> <p>2. Responsibilities as a Leader.</p> <p>3. Mountaineering equipment.</p> <p>4. Snow camps.</p> <p>5. Difficulties faced during climbing high altitude.</p> <p>6. Snow storm and avalanche</p>	<p>1. To Know and understand that mountain climbing is adventure as well as a challenge.</p> <p>2. To learn about responsibilities of a leader during mountain climbing.</p> <p>3. To identify various mountaineering equipment required.</p> <p>4. To know about camps in the snow.</p> <p>5. To appreciate and respect other languages.</p> <p>6. Trees and animals found in mountains.</p>	<p>1. Collect and discuss stories of real life experiences of some known mountaineers.</p> <p>2. Draw pictures of mountaineering equipment.</p> <p>3. Discussion on adventurous and challenging sides of mountain climbing.</p> <p>4. List out the languages spoken by your friends and classmates.</p> <p>5. Draw or paste pictures of trees and animals found in mountainous regions.</p>

	<p>SEPTEMBER</p>	<p>10. Walls Tells Stories (EE Lesson)</p>	<p>08</p>	<ol style="list-style-type: none"> 1. Importance of historical monuments and heritage building. 2. History of Golconda Fort. 3. Love and respect for India's rich cultural heritage. 4. Importance of maps. 5. Importance of museums. 6. Different types of metals used in ancient times. 7. Idea about war and destruction and importance of peace. 8. Bond between past and present heritage. 	<ol style="list-style-type: none"> 1. To understand historical importance of different monuments. 2. To learn about history and construction of Golconda fort. 3. To develop love and respect for India's cultural heritage. 4. To understand the importance of maps and know about the four cardinal directions. 5. To understand the importance of museums. 6. To identify different types of metals on the basis of their colour. 	<ol style="list-style-type: none"> 1. Mark 5 monuments in 5 different states of India. 2. A virtual tour of Golconda fort using video link. 3. Create a classroom museum using antique things available at home 4. Identify directions on the basis of Sunrise and Sunset and draw four cardinal directions. 5. Collect antique objects and identify their metal type.
		<p>11. Sunita in Space</p>	<p>10</p>	<ol style="list-style-type: none"> 1. Concept of Day and Night sky. 2. Introduce concepts like space, Gravitational force, International Boundaries. 	<ol style="list-style-type: none"> 1. To learn about night sky and different phases of moon. 2. To know about shape of Earth and gravitation. 	<ol style="list-style-type: none"> 1. Observe night sky and discuss the things observed. 2. Observing locations of different places on the globe.

				<p>3. Globe ,Latitude, longitude and equator lines</p> <p>4. Different phases of moon.</p> <p>5. Shape of Earth.</p> <p>6. Concept of Spaceship.</p> <p>7. Sunita Williams space experience.</p> <p>8. Natural and manmade satellites.</p> <p>9. Uses of satellites.</p>	<p>3. To understand about Space ship.</p> <p>4. To know about Sunita Williams and her experience in space.</p> <p>5. To learn about natural and manmade satellites.</p> <p>6. To understand the uses of satellites in our daily life.</p> <p>7.Introducing the concept of lines on the globe.</p>	<p>3. Draw and label various phases of moon.</p> <p>4. Observe what happens on dropping various objects at the same time.</p> <p>5. Collect pictures of Spaceship and paste in activity book.</p> <p>6. Enact imagining class is a spaceship.</p> <p>7. Map pointing – mark the neighbouring countries of India</p>
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TERM IASSESSMENT 2

6	OCTOBER	12. What if it Finishes?	12	<p>1. Various types of roads and road safety rules.</p> <p>2. Pollution(air, noise and water).</p> <p>3. ILL effects of smoke.</p> <p>4. Process of formation of coal and petroleum 4. Minerals mined from deep inside of the Earth.</p> <p>5. Renewable and Non-</p>	<p>1. To classify various types of roads and to know road safety rules.</p> <p>2. To understand about noise pollution and ill effects of smoke.</p> <p>3. To learn about various minerals mined from deep inside the earth.</p> <p>4. To differentiate</p>	<p>1. List down road safety rules.</p> <p>2. Visit to petrol pump and make a report</p> <p>3. List possible ways to reduce the number of vehicles on the road.</p> <p>4. Map work- Mark the states having oil fields.</p> <p>5. Findprice of</p>
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				<p>renewable resources.</p> <p>6. Urban and rural cooking ways.</p> <p>7. Concept of fuel prices.</p>	<p>between renewable and non-renewable resources.</p> <p>5. To learn about urban and rural cooking ways.</p> <p>6. To understand about fluctuations of fuel prices.</p>	<p>petrol and diesel of your city</p> <p>And compare the difference</p>
7	NOVEMBER	13. A Shelter so High!	08	<p>1. Concept of Hot and Cold deserts.</p> <p>2. Lifestyle of different tribes living at Higher altitudes.</p> <p>3. Different types of houses in hilly regions.</p> <p>4. Rearing of animals and their products at higher altitude</p>	<p>1. To understand that all deserts are not hot and sandy.</p> <p>2. To learn about the lifestyle of Changpa tribe.</p> <p>3. To develop sensitivity towards people living at higher altitudes.</p> <p>4. To learn about different types of houses in different regions depends on climate and locally available raw material, etc.</p> <p>5. similarities and differences in the lifestyles of Bakarwal people and Changpas</p>	<p>1. Map work- Mark the states having temperature 0 degrees or below 0 degrees Celsius.</p> <p>2. Discussion on virtual video clip depicting lifestyle of Changpas.</p> <p>3. Draw / paste the picture of Pashmina shawl and write down its specific features.</p> <p>4. Make a model/sketch of different types of shelters found in Leh/Ladakh /Srinagar.</p>

		14. When the Earth Shook!	08	<ol style="list-style-type: none"> 1. Natural calamities and their adverse effects. 2. Groups working to rescue and save people from natural calamities. 3. Work of Engineers and Architects. 4. Disaster management. (NDRF) 5. BHUNGAS a traditional houses made in Gujarat 	<ol style="list-style-type: none"> 1. To learn about natural calamities and their effects. 2. To learn about Government agencies and voluntary groups. 3. To understand the work of Engineers and Architects. 4. To learn about Do's and Dont's during disasters. 	<ol style="list-style-type: none"> 1. Mock drill if there is an earthquake. 2. Prepare a telephone directory for emergency numbers. 3. List various ways by which disaster affected people can be helped out. 4. Evacuation chart of your school during any natural calamity. 5. Prepare an Emergency Kit depicting requirements for adverse time.
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		15. Blow Hot, Blow Cold(EE Lesson)	06	<ol style="list-style-type: none"> 1. Concept of Hot and Cold air. 2. Concept of inhalation and exhalation. 4. Function of lungs 5. Clock inside human body. 6. Direction of Air flow. 	<ol style="list-style-type: none"> 1. To know and understand the concept of Hot and Cold air depending upon the outside temperature. 2. To analyse how many breaths occur in one minute. 3. To learn about human heart clock. 4. To gain knowledge about direction of air flow. 	<ol style="list-style-type: none"> 1. List out various ways to cool hot food items. 2. Blow the given objects and note the observations. 3. Experiment on Air blown on a mirror. 4. Counting number of breaths in one minute. 5. Snake game. 6. Classify musical instruments that make sound by blowing air, percussion instruments.
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TERM II ASSESSMENT 3

8	DECEMBER	16. Who will do this work?	08	<ol style="list-style-type: none"> 1. Importance and rights of Cleanliness workers. 2. Community workers. 3. Concept of Untouchability. 	<ol style="list-style-type: none"> 1. To sensitize to be respectful to cleanliness workers. 2. Recapitulate about various community workers. 	<ol style="list-style-type: none"> 1. Make a collage of community helpers. 2. Slogan writing on No more Untouchability practice.
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				<p>4. Gandhiji's teachings of every person should do every kind of work.</p> <p>5. Discrimination based on the caste, religion and community followed in India with reasons.</p>	<p>3. To develop sensitivity towards untouchability.</p> <p>4. To gain knowledge on Gandhiji's teachings on Self working spirit.</p>	<p>3. Conducting a cleanliness drive at school.</p> <p>4. Discussion on Virtual clip of Gandhiji's Sabarmati Ashram work practices.</p>
		17. Across the Wall(EE Lesson)	06	<p>1. Concept of team spirit.</p> <p>2. Gender equality in Sports.</p> <p>3. No discrimination on the basis of caste or economic status.</p> <p>4. Healthy competition in Sports.</p>	<p>1. To understand to play for the team with a team spirit.</p> <p>2. To sensitize towards Gender equality.</p> <p>3. To learn not to discriminate on the basis of caste or economic status.</p> <p>4. To understand that ranking and unhealthy competition should be avoided.</p>	<p>1. Paste picture of your favourite sport and write few lines about it.</p> <p>2. Collage making of different women sportsperson of India.</p> <p>3. List out various ways by which a leader shows his leadership qualities during a game.</p> <p>4. List out games played by your Grandparents, Parents and other elderly people of your family during their childhood and school age.</p>
9.	JANUARY	18. No Place for us?	08	<p>1. Concept of Homeless people and Slum areas</p> <p>2. Silence is different from calm/peace.</p>	<p>1. To become sensitive towards homeless people.</p> <p>2. To differentiate</p>	<p>1. Discussion on a virtual clip showing homeless people.</p> <p>2. List advantages and</p>

				<p>3. Different aspects of dams.</p> <p>4. Problems and difficulties faced on being displaced or transferred.</p> <p>5. Importance of infrastructure and developmental work</p>	<p>silence from calm/peace.</p> <p>3. To understand how big projects like dams, bridges, highways, factories are promoted in the name of development.</p> <p>4. To analyse the problems faced on being transferred from one place to another.</p>	<p>disadvantages of Dam construction.</p> <p>3. Visit to a nearby dam site.</p> <p>4. Collect newspaper reports on Dam controversies.</p>
		19. A Seed tells a Farmer's story	08	<p>1. Rabi and Kharif crops.</p> <p>2. Types of Agricultural practices.</p> <p>3. Methods of plant propagation.</p> <p>4. Farmer's struggles in India.</p> <p>5. Concept of millets (uses</p> <p>6. Festivals and food related to harvesting of crop</p> <p>7. Uses of insecticides and pesticides</p>	<p>1. To differentiate between Rabi and Kharif crops.</p> <p>2. To learn about various types of agricultural practices.</p> <p>3. To know and understand various methods of plant propagation.</p> <p>4. To understand and analyse farmer's struggles in developing countries.</p>	<p>1. List and draw Rabi and Kharif crops grown in India.</p> <p>2. Collect pictures of different types of agricultural practices and write about them.</p> <p>3. Prepare manure from waste compost pit.</p> <p>4. Draw plant propagating through Root, stem cuttings, leafetc.</p> <p>5. Visit to a nearby nursery or field.</p>

10	FEBRUARY	20. Whose Forests?	06	<p>1. 'Girl stars'-extraordinary tales of ordinary girls.</p> <p>2. Web of relationship between plants, trees and animals in a forest.</p> <p>3. Concept of Forest dwellers and contractors.</p> <p>4. Need and problems associated with building of big dams, roads, mining projectsetc.</p> <p>5. Right to Forest Act.</p> <p>6. Hilly terrain of North East and the state of Mizoram which practices Jhoom farming.</p>	<p>1. To gather knowledge about 'Girl stars'.</p> <p>2. To understand web of relationship in a forest.</p> <p>3. To know about Forest dwellers and Contractors.</p> <p>4. To analyse needs and problems related with big dams, roads, mining projectsetc.</p> <p>5. To know about Right to Forest Act.</p> <p>6. To gain knowledge about hilly terrain of North East.</p> <p>7. To understand Jhoom farming of Mizoram.</p>	<p>1. List resources under threat.</p> <p>2. Map work on natural forest reserves.</p> <p>3. List various ways to measure land.</p> <p>4. Make a collage showing web relationship between- Plants, Trees and animals.</p> <p>5. Story Enactment- SAVE FORESTS</p> <p>6. Enlist plant/forest products used by us.</p> <p>7. Discussion on a virtual clip showing various farming techniques.</p> <p>8. Visit to a nearby forest land.</p>
		21. Like Father, Like Daughter	06	<p>1. Recapitulate similar traits amongst the members of a family.</p>	<p>1. To Observe and analyze similar traits amongst members of a family.</p>	<p>1. Tabulate similarities and differences amongst you, your parents and</p>

				<p>2. Birth and environmental acquired traits.</p> <p>3. Pulse polio disease.</p> <p>4. Gregor Mendel's experiment on pea plant.</p>	<p>2. To learn about birth and environment acquired traits.</p> <p>3. To know and understand how a polio disease occurs and ways to prevent it.</p> <p>4. To gain knowledge on Gregor Mendel's pea experiment.</p>	<p>Grandparents.</p> <p>2. Collect information about diseases inherited to the next generation.</p> <p>3. List various ways to measure hair and height.</p> <p>4. Collect pictures of different kinds of disabilities due to polio disease and paste in activity book.</p> <p>5. Discussion on newspaper clippings on Pulse Polio.</p> <p>6. Poster making on promotion of Pulse Polio drops and vaccination.</p> <p>7. Discussion on a virtual clipping on Gregor Mendel's pea experiment.</p>
		22. On the Move Again (EE Lesson)	04	<p>1. Concept of Borrowing money, loans, debts and agents.</p> <p>2. Different types of farmers.</p> <p>3. Methods of irrigation in</p>	<p>1. To learn about issues related to borrowing money, loans, debts and agents.</p> <p>2. To understand similarities and differences in the lives</p>	<p>1. Role play and discussion on borrowing money.</p> <p>2. List out similarities and differences between various kinds of farmers.</p>

				farms. 4. Drug addiction and harmful effects of drugs/narcotics. 5. Migrating communities.	of different kinds of farmers. 3.To learn about various methods of irrigation. 4.To understand and analyse harmful effects of drugs/narcotics. 5.To enlist the reasons of communities migrating from one place to another and kind of work done by them.	3. Prepare charts/posters on Drug addiction and their prevention. 4. Discussion on virtual clip showing various migrating communities.
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TERM II ASSESSMENT 4