

Environmental Studies
Class-3 (March 2021 to May 2021)

Month	Name of the Textbook	Name of the Chapter	Learning Outcomes	Suggested Pedagogical Process
<i>March</i>	Looking Around	Lesson -1 Poonam's Day Out	Awareness about immediate surroundings from experiences of different animals, birds. Develop various processes such as observation, discussion, grouping and sorting etc.	Peer group activity- ask and frame questions based on the simple observable features of birds and animals (Movement, Size, Eating, Habits, Sounds etc.)
		Lesson -2 The Plant Fairy	Appreciates the diversity such as variations in plants (shape, size, colour etc.). Develops skills of observation, comparison etc.	Children may gather information about the plants in their surrounding from their elders followed by discussion on it in the class. Comparison and classification of plants.
		Lesson -3 Water O' Water	Values the immediate resources such as water and use them according to the need. Enhances creativity in relation to the immediate surroundings.	Discuss with elders at home to find out from where we/birds/animals get water and ways to avoid wastage of water. Discuss the same in class-room.
		Lesson -4 Our First School	Appreciates the diversity in family type. Develops skills of expression by making a family tree, comparison, grouping by looking at the family picture.	Understand the relationship within the family by the help of elders in the family. Make a family tree. Ask and frame questions and respond to peers on the family diversity, relationship and genetic similarities/resemblance.

<i>April</i>	Looking Around	Lesson -5 Chhotu's House	Awareness about habitat of different animals and develops various skills such as observation, comparison and differentiation etc.	Classroom discussion on different types of houses. Talk to children about ways in which they clean & decorate their homes.
		Lesson -6 Foods We Eat	Values the importance of food and use them according to the need, develops skills of listing, grouping, sorting etc with intake of food according to different age groups and physical activities	Take examples of food items from the daily life of the children and enlist them . Ask children to tabulate the food choices of different members of their family. Discuss from the perspective of diversity and importance of food.
		Lesson -11 From Here to There	Observes, compares and shares means of local transport and their use. Promotes creativity through drawing the pictures of some vehicles and discusses with elders. To understand the changes taken place with time.	Picture reading of the different modes of transport and classification into different types. Encourage children to express their experiences of journey and the observations they have made about activities at railway station, bus stop etc.
		Lesson -12 Work We Do	Learns to appreciate different kinds of work. Express concern for equality in the work done and shares experiences on role of family members in household work.	Picture reading and discussion based on the picture given in the lesson to understand and discuss the various occupations. Make the daily time chart of your parents and yourself and classroom discussion on it.

May	Looking Around	Lesson -13 Sharing Our Feelings	Attempts to develop sensitivity towards differently abled with focus on their strengths as well as area of concern.	Discuss the problems faced by old people. Encourage the children to express and share the ways in which they help their grandparents so as to develop a sensitivity towards old and physically challenged.
		Lesson -14 The Story of Food	Awareness about plants' products from immediate surroundings and their uses. Develops skills of observation, identification and comparison etc. Discusses on issues such as defined gender roles on work done in the family.	Encourage children to take help of parents and elders at home to identify and enlist the plants used for food and medicines. Discuss the same in classroom.
		Lesson -16 Games We Play	Interaction with friends through discussion and sharing of experiences on some local games. Follows rules made for games and learns discipline. Works with others to solve problems.	Enlisting and classifying indoor/outdoor games. Gathering information from elders about the games they played when they were young. Sharing the information in the classroom.
		Lesson -22 Left-Right	Understands the importance and use of symbols and directions. Attempts to develop some more signs on different things about immediate surroundings	Draw 2-3 different maps- home to school, home to shop, classroom to principal's office and understand the concept of left, right, symbols, estimating distance and representation of things in two dimensions.

Environmental Studies
Class-4 (March 2021 to May 2021)

Month	Name of the Textbook	Name of the Chapter	Learning Outcomes	Suggested Pedagogical Process
<i>March</i>	Looking Around	Lesson -1 Going to School	Awareness, sensitivity towards friends, animals related to daily life. Appreciating diversity and inculcation of values like cooperation, self discipline etc.	Observation, discussion and picture reading based on illustrations given in the lesson. Use these to discuss the different modes of transport. Take examples from daily life and discuss the safety expects and possible dangers.
		Lesson -2 Ear to Ear	Develops various skills of observation, reporting, classification etc. Promotes creativity in relation to animals found in immediate surroundings. Develops sensitivity towards animals.	Discussion about animals (food habits, habitat, skin, ears etc.) based on the children's daily observations.
		Lesson -5 Anita and the Honeybees	Learns to appreciate the interdependence, cooperation and coordination through life of honey bees. Develop sensitivity towards education of girls.	This chapter is a true story. Narrate the story to the students to create interest and side by side explain, how insects like honeybees live together in groups.

		<p>Lesson -6 Omana's Journey</p> <p>Lesson -9 Changing Families</p>	<p>Develops various skills through interactions with immediate surroundings like observation, inquiry, expression etc. Appreciates the diversity in language, food habits of people at different places.</p> <p>Awareness about families, learn to appreciate the diversity in family types. Attempts to develop sensitivity towards elderly.</p>	<p>Encourage children to share their experiences of going to different places (regions) with perspective of food habits, language spoken, dress and people. Guided discussion to help them understand and appreciate diversity.</p> <p>Guide the students to frame questions based on changes in families. Find out the answers to these questions from their elders at home. Reflection on the answers and enlisting reasons of change.</p>
<i>April</i>	Looking Around	<p>Lesson -10 Hu Tu Tu Hu Tu Tu</p> <p>Lesson -11 The Valley of Flowers</p> <p>Lesson -13 A River's Tale</p>	<p>Learns the skills of cooperation, self-discipline, health and hygiene. Sensitizes on equality towards caste, class and gender.</p> <p>Develops skills of observation, experimentation, questioning, reporting through diversity of flowers. Shares experiences with elderly, develops sensitivity towards protection of plants.</p> <p>Values the non renewable resources like water and develop sensitivity towards keeping water clean and use it according to the need.</p>	<p>Group presentations by students about the rules of the games. Reflective discussion on the same to bring their attention towards the importance of following rules in every day life.</p> <p>Encourage children to observe special features of the flowers like – number of petals, colour, single/bunch etc. Record the observations and group the flowers on the basis of the easily observable characteristics.</p> <p>Enlist the sources of waters seen by students. Ask questions related to effects and ways to avoid water pollution. Initiate the discussion on the basis of pictures given in the lesson or use newspaper clipping.</p>

		<p>Lesson -14 Baswa's Farm</p>	<p>Appreciates the work of farmers and sensitizes on their concerns. Develops skills like observations, questioning and shares experiences of elders on cropping system in their immediate surroundings.</p>	<p>Ask questions and discuss with family members about the process of cultivating crops. Take their help to identify the various farming implements and the steps of farming.</p>
		<p>Lesson -16 A Busy Month</p>	<p>Develops skills of observation, classification, reporting through interaction with immediate surroundings. Learns to appreciate the diversity in birds and animals.</p>	<p>Encourage the children to share their experiences and observations through drawing/verbal presentations about birds in their surroundings – nesting habits, claws, beaks, colour, feather and other special features.</p>
May	Looking Around	<p>Lesson -17 Nandita in Mumbai</p>	<p>Awareness about diversity in shelter, develop various processes like questioning, observation, reporting etc. Develop sensitivity towards hardship of life in different types of houses.</p>	<p>Picture based discussions about differences in houses – rural and urban, multistoried houses, slums in cities. Discuss region for dislocation and how it affects the whole family.</p>
		<p>Lesson -18 Too Much Water too Little Water</p>	<p>Values the importance of clean water and use it according to need. Develops sensitivity towards contamination of water, effect on health and conservation of water.</p>	<p>Encourage children to talk to elders and collect information, about the availability/scarcity of safe and clean water, water contamination and diseases caused due to unclean water</p>
		<p>Lesson -19 Abdul in the Garden</p>	<p>Awareness about variation in plants and their roots. Develop skills of observation, experimentation, reporting expression etc. Sensitivity towards protection of plants.</p>	<p>Observing the roots of a few plants in the school campus and understanding the functions of the roots by discussion.</p>

		Lesson -21 Food and fun	Awareness about the diversity of festivals and eating together. Develop various skills of cooperation, sharing. Develops sensitivity towards wastage of food.	Listing of different types of food eaten on different occasions. Reinforce the importance of eating together by discussion and reflection on the changes in habit of eating together during covid-19
		Lesson -24 Home and abroad	Learns to appreciate diversity in culture of different places. Awareness about different surroundings. Develops various skills like observation, classification, reporting etc.	Tracing of coins. Observing and recording the simple features of currency notes /coins. Reflective discussion on the diversity and culture of different places based on television/web programmes, experience of visiting relatives or oneself.
		Lesson-27	Attempts to develop sensitivity towards differently abled. Develops skills of observation, expression, questioning etc.	Explain Chuskit's dream of longing to go to school in your own words. To students in form of story. Reflective discussion based on the story.

Environmental Studies
Class-5 (March 2021 to May 2021)

Month	Name of the Textbook	Name of the Chapter	Learning Outcomes	Suggested Pedagogical Process
<i>March</i>	Looking Around	Lesson -1 Super Senses	Appreciates the diversity in different senses of animals. Develops sensitivity towards protection of animals, develop various processes like observation, comparison, discussion, health, hygiene etc. & creativity.	Observations through pictures, web etc. and discussion on specialized senses of animals may be considered for discussion and collecting the information.
		Lesson -3 From Tasting to Digesting	Develops various skills like observation & reporting, discussion, experimentation and questioning etc. Appreciates the works of scientists, discusses healthy food habits.	Hands on activity for tasting and functions of tongue. Preparation of ORS at home and its use.
		Lesson -4 Mangoes Round the Year	Values the importance of food and use it according to the need. Develops sensitivity towards wastage of food, awareness about preservation of food and development of various skills like experimentation and analysis, discussion etc.	Discussion on wastage of food and feeling the value of food.
		Lesson -7 Experiments with Water	Learns to develop the skills of experimentation, analysis, questioning, classification and reporting. Appreciates the struggle for independence.	Simple experiments related to evaporation condensation of water.

<i>April</i>	Looking Around	<p>Lesson -11 Sunita in Space</p> <p>Lesson -12 What If It Finishes...?</p> <p>Lesson -13 A Shelter So High!</p> <p>Lesson -14 When the Earth Shook!</p>	<p>Appreciates the work of scientists and their struggles, develops processes like expression, experimentation, questioning, cooperation etc.</p> <p>Values the immediate resource as fuel. Shows concerns for environment.</p> <p>Awareness about diversity in geographical distribution, language, habits of people living in different areas.</p> <p>Awareness and sensitivity towards natural calamities and protection from them. Develop skills of cooperation & discussions and concern for environment etc.</p>	<p>Observation of space and space scientists through videos and discussion on their achievements.</p> <p>Poster on role play on the importance of fuel as a precious resource giving examples of various types of roads through pictures.</p> <p>Sharing of experiences for discussion on diversity in geographical distribution through pictures.</p> <p>Talking about various earthquakes of India for example Bhuj to understand the context discussion on various agencies working in areas of earthquake at mock drill practice for understanding the evacuation process and preventive measures in case of earthquake. For more information refer to web link http://www.ndma.gov.in/en.</p>
<i>May</i>	Looking Around	Lesson -16 Who Will Do This Work?	Attempts to develop sensitivity towards disadvantaged people shows concern for justice and equality, shares and works together with empathy.	Discussion on people involved in sanitation work in community and sensitization on equality and respect for their work. Sharing a stories of Gandhiji and other such people who are involved in who have worked for equality.

		<p>Lesson -17 Across the Wall</p> <p>Lesson -18 No Place For us</p> <p>Lesson -19 A Seed Tells A Farmer's Story</p> <p>Lesson -21 Like Father, Like Daughter</p>	<p>Shows concerns of justice and equality, cooperation, works together with empathy.</p> <p>Shows sensitivity towards problem faced by displaced people.</p> <p>Awareness about traditional and modern agricultural practices, develops skills of classification, observation, analysis and concerned for environment.</p> <p>Develops skills of observation, classification. Appreciates the diversity in family types.</p>	<p>Sharing of experiences about different games and building their understanding on the issues such as similar games for boys and girls and equal opportunities of students for playing. Making teams of students for playing and developing the team spirit.</p> <p>Discussion on problems of displacement of people in search of employment sharing the children's opinion on these issues.</p> <p>Reading newspaper reports and encouraging students to narrate experiences about changes in vegetable crop and agricultural practices in their area exploring the process of making chapatti for brains through discussion internet or by asking the elders in their homes.</p> <p>Discussion with parents and elders to understand the similarities/ resemblance among family members in habits and looks. Discuss with children that certain traits are acquired at birth from parents and some are learnt from the environment.</p>
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