

**SPLIT UP OF SYLLABUS 2008-09**  
**ENVIRONMENTAL STUDIES**  
**TEXT BOOK — LOOKING AROUND FOR CLASS V**

MONTH	LESSON	COMPE- TENCY	ELO	SUGGESTED ACTIVITIES	INTEGRATED LEARNING	VALUES
APRIL	SUPER- SENSES	Observation  Identification  Discovering the facts  Group Activity  Identification	Observes ants and different animals  Can notice greater details.  Can gather information from various sources.  Can work with co-operation & understanding.	(1) Discuss the observations made by every individual child. (2) Draw pictures of various animals and colour them. (3) Enlist differences and similarities between different animals. (4) Collect information from T. V., newspapers and various books about the super-senses of animals and make a collage and read in your class. (5) Role-Play-Prepare masks of different animals and tell their qualities of senses. (6) Enlist some wild life sanctuaries & National Parks of India. (7) Differentiate between endangered animals and extinct species.	Lang.  Drawing   Art & Craft	Do not tease animals
	A SNAKE CHAR- MER'S STORY	Observation & Identification  Discovering the facts	Can find out greater details & can analyse.  Can gather relevant infor-	(1) Draw the pictures of the musical instruments and name them which materials are used in making them. (2) Collect information about the laws for the protection of	Music	Care for the animals

		Group Activity	mation. Can ask questions and record the information.	animals. (3) Find out about other communities who depend on animals. (4) Interview with a monkey-wala and prepare a report. E. g. How many monkeys does he have ? How does he take care of them ?		
MAY & JUNE	FROM TASTING TO DIGESTING	Identification  Discovering the facts  Group Activity	Identifying taste buds for different types of tastes. Can explain his views and thoughts to others.  Can understand about unequal distribution of food.	(1) Tasting activity to be done. (2) Draw the diagram of the tongue showing taste buds on it. (3) Discuss about the combination of flavours in food. (4) Collect news about malnutrition and starvation. (5) Identify the places in our country where starvation is prevailing. (6) Prepare a report on it.	Drawing  Lang.	Don't waste food.  Concern for equality
JULY	MAN-GOES ROUND THE YEAR	Observation and Identification  Discovering the facts	Can find out differences. Can gather information.  Can find out from different	(1) Write down the difference between food spoilage & wastage of food. (2) Read the information given on the packets of food and write in your notebooks. (3) Make a list of preserved foods being sold in market.	Food and Nutrition	Don't waste food.

			sources.	(4) Write down the recipe of making chutney. (5) How is milk preserved ? Who discovered this process ? Name the process also.		
	SEEDS & SEEDS	Observation Discovering the facts Group Activity	Can handle the equipments and record the findings.	(1) Experimentation on germination of seeds. (2) Drawing the diagrams. (3) Explain the outcomes & record the facts. (4) Classify seeds on the basis of their special features.	Drg.	
	EVERY DROP COUNTS	Identification Group Act.	Can find differences Can explain the facts Can gather information Can find the missing gaps, and can record the information.	(1) Differentiate between a step well & a well. (2) Poster making and slogan writing. (Water Conservation) (3) Collecting and writing poems about water. (4) Survey of a piao-location, construction, how does water come in it ? Is it a pucca piao or has earthen pots ? Who cleans it ? Approximately how many people come to have water in a day ? Does anybody serve the water ?	Lang.  Drg.	Conserve water.
AUGUST	EXPERIMENTS WITH	Observation	(1) Can perform experiments and is able	(1) Experimenting with different things to check whether they will float or sink.	Languages (Writing Skills)	Building a scientific attitude.

	WATER	Group Activity  Discovering the facts	to handle the equipments.  (2) Can guess and test the hypotheses framed by him.	(2) Framing hypotheses and testing them. (3) Observing and analysing the findings. (4) Concluding the experiment. (5) Preparing a respect for the experiment. (6) Experimenting to find out the solubility of different materials in water. (7) Analysing and recording the observations. (8) Discuss about the struggle for freedom in context with Dandi March by Gandhiji. (9) Enlisting the materials that we get from the sea. (10) Enlisting atleast five animals that live in sea.	History	Pride for the nation.
	A TREAT FOR MOSQUITOES	Discovering the facts  Group Activity	Can find out from other sources and can explain the facts after analyzing them.	(A) Find out – Talk to the person who has suffered from malaria and collect the following information : (1) Name _____ (2) Residence _____ (3) When did he suffer from malaria? (4) Is there any water stagnating near the house ? (5) How did he come to know that he was suffering from malaria ? (6) Ask about the symptoms.	Language (Comm. Skills)	Health is wealth.  Cleanliness is important for health.

				<p>(7) Collect the blood report.  (8) Prepare a report on malaria.  (B) Talk to a doctor –  (1) What is anaemia ?  (2) Causes of anaemia.  (3) Symptoms and remedies for it.  (4) Discuss the findings in your class.  (5) Discuss about cholera and jaundice.  (6) Collect stories about different discoveries and share in class.</p>		
SEPTEMBER	UP YOU GO	Identification	<p>Can read the pictures, maps and tables</p> <p>Identification of different land-forms and terrains.</p>	<p>(1) Showing the pictures of different activities of adventurous events and talking about them e. g. wall climbing, parachuting, water skiing, paragliding etc.  (2) Talking about the special equipments required for them. Also prepare a table regarding it.  (3) Defining and making pictures of : (1) a mountain (2) valley (3) peak (4) a trek (5) a glacier  (4) Which animals are found on the mountains ? Paste their picture in your notebooks.  (5) Name a few trees found on the mountains. Draw their pictures also.  (6) Locate Uttarkashi in the map of Uttarakhand.</p>	<p>Sports</p> <p>Geography</p> <p>Drawing</p>	<p>Adventures give us confidence</p>

	WALLS TELL STORIES	Identification	Can identify different directions.  Can identify different metals.	(1) Performing activities to find out north direction with the help of magnetic compass. Do it by standing at different places and see the differences. Write in your note-book. (2) Show them the things made of steel, bronze, copper and aluminium. Draw their pictures. (3) Tabulate their differences and similarities which are apparently observable. (4) Write down a paragraph about the sources of history. e. g. maps, pictures, books, ledgers, records, manuscripts and excavated things.	History	Preserve our cultural heritage
OCTOBER	SUNITA IN SPACE	Group Activity	Can use the sense of gathering information. Can report and narrate an event.	(1) Collect information about Kalpana Chawla and Rakesh Sharma. Paste their pictures in note-books. (2) Find out the difference in number of years when Rakesh Sharma, Kalpana Chawla and Sunita Williams went into space. (3) Collect the pictures of some other people of different countries who have successfully reached space. (4) Talk about women empowerment. (5) Throw different things like bits of	Maths	Respect for these leading astronauts.  Women Empower

		Observation	Can establish cause and effect relationship. Developing creature thinking among children.	<p>paper, leaves, coins, ball etc. up in the air + observe them coming down to show the pull of the earth.</p> <p>(6) Imagine the conditions and write that will happen ?</p> <p>(i) If the leaf does not fall down.</p> <p>(ii) If the ball stops in air itself.</p> <p>(iii) If the coin goes up, up and up and does not come back to the earth.</p> <p>(7) Try to think over as why do things fall down ?</p> <p>(8) Differentiate between a star, a shooting star and a satellite.</p> <p>(9) Draw the picture of earth rise.</p>		ment
			Analysing the facts		Drawing	
	WHAT IF IT FINISHES	Group Activity	Discussion to be made to explain about the noise made by vehicles.	<p>(1) Discussions about the observations made by children regarding the ill effects of noise pollution.</p> <p>(2) A talk in morning assembly over noise pollution.</p> <p>(3) Poster making competition.</p> <p>(4) Poster making and Slogan writing regarding air pollution.</p> <p>(5) Find out about various minerals which are mined from deep inside the earth and what are their uses. Write in a paragraph.</p> <p>(6) Collect news regarding possible options for reducing the number of vehicles on the road from the</p>	Lang.	No pollution in the environment.
		Discovering the facts	Can find out from different sources and collect information.		Drg.	Say 'No' to poly bags.
					Lang.	Conserve the soil.



	EARTH SHOOK	Discovery of facts Group Activity	causes.  Bring moderate and helpful others.  Sharing and working with others	(2) Write down the names of any three government agencies and three non-government organisations. In which field are they working ? (3) What all can be done if there is a warning for disaster ? (4) How different people are affected by disaster e. g. floods. (5) Work on different disasters (in small groups) e. g. tsunami, earthquake, floods, drought. Collect information and prepare a report.		Sharing & helping with others.
DECEMBER	BLOW HOT, BLOW COLD	Observation & Discovering the facts	Can connect logical linkages to build the concept. Can identify different musical instruments.	(1) Why does the paper snake move in a clockwise direction ? (2) Why does this paper snake move in an anti-clockwise direction ? (3) Draw the pictures of flute, dholak, been and mridang in your note-books.	Music	Developing scientific attitude
	WHO WILL DO THIS WORK	Group Activity	Develops a concern for justice and equality	(1) Work in small groups and – (a) Collect poems on untouchability (b) Collect stories on untouchability (c) Collect the information about such events from Gandhiji's life. (2) Prepare a class magazine with all these collections and read in class.	History	Justice and equality

		Identification  Observation	Can use the senses to gather information.  Can define the event in own language.	(3) Write the names of some other social reformers and the problems which they have fought against. (4) Find out if some other people around you or in class problems. What can be done for then ? (5) Write a letter to the editor of any newspaper and inform about such problems. (6) Prepare a picture Panorama for different movements led by Gandhiji.	Social Work  Lang.  Drg.	Sensitivity towards social issues.
JANUARY	ACROSS THE WALL	Group Activity  Identification	Can remove gender biases and develops a concern with equality.  Can notice greater details.	(1) Debate – Should boys and girls play similar games ? Prepare this debate in your groups. (2) Organise different games at the level of your class and encourage them to play for the team. (3) Cut the pictures of your favourite players and paste in your notebooks. (4) Find out about their struggles for becoming a sports star.	Games and Sports	Equality  Building team spirit  Hard work & perseverance
	NO PLACE FOR US	Group Activity	Can analyse the situations and reach the conclusion.	(1) Collect the pictures of dams & paste in your notebook. (2) Collect information from different news papers about 'Sardar Sarovar Dam'. (3) Discuss – what problems are	Lang.	Concern for justice and equality

		Identification	Can read maps and symbols.	being faced by the people living in that area. What would be the benefits of that dam ? (4) Name the largest dam and on which river is it made ? (5) Locate the states in the map of India where Hirakund dam, Nagarjuna Sagar dam and Sardar Sarovar dam is situated. Also mention the rivers on which they are constructed.	Geography	
		Observation	Can make hypothesis and frame his own views.	(6) Debate – Dams, bridges, highways and factories are promoted in the name of development. Do all people get benefits from these ?	Lang.	Equality & justice
	A SEED TELLS A STORY	Observation	Can gather information and can analyse.	(1) Prepare a report on the changes taken place in agricultural practices over the years. Also mention the reasons.	Lang.	Health hazards due to insecticides & pesticides.
		Discovery of facts	Can analyse and fill the missing gaps to conclude the facts.	(2) In what respect are these changes beneficial or harmful to the common man ? Write.		
FEBRUARY	WHOSE FORESTS	Identification	Can understand the phenomenon.	(1) Write – How plants, trees & animals are related to each other in a forest.	Lang.	Interdependence of animals & plants.
		Group Activity	Can share & work with	(2) Role Play – Contractor and the forest people. (3) Name the organisations/people		

		Discovering the facts	others.  Can gather information and explain the views.	who have been working to save forests & forest people. (4) Write – What are common resources ? Paste their pictures in note-books. (5) Collect information about Jhoom farming and discuss in your class.		
	LIKE FATHER LIKE DAUGHTER	Observation  Identification	Can find out differences and similarities bet. the things.  Can find out differences.	(1) Discuss – Whom do the children resemble to in their families and in what ways ? (2) Do they resemble in some habits also ? (3) Write atleast about three diseases which can be inherited and three which cannot be inherited & where they can treated ?	Lang.	Heredity & Environment both should be respected
	ON THE MOVE AGAIN	Group Activity  Identification	Can be sensitive towards others & be conscious of inequalities.	(1) Role Play – to understand the issues of borrowing money, loans, debts and agents. (2) Methods of irrigation – Write & draw their pictures	Dramatics  Drawing	Justice & Equality
MARCH				REVISION FOR SESSION ENDING EXAMINATIONS.		