

MONTHLY SYLLABUS

SESSION-2017-18

CLASS-V

SUBJECT : ENVIRONMENTAL SCIENCE

MONTH	CONTENT
April 2017	<p>Chapter 2 : A Snake Charmer's Story</p> <ul style="list-style-type: none">i) Lifestyle of a snake charmerii) General features of snakesiii) Behaviour of human beings towards animalsiv) Discussion on decreasing number of animals <p>Activity:</p> <ul style="list-style-type: none">i) Make a chart on national animal of Indiaii) Make a hand puppet of snake with the help of a pair of socks
May 2017	<p>Chapter 3 : From tasting to digesting</p> <ul style="list-style-type: none">i) Discussion on various types of foodii) Discuss every child's favourite food.iii) Information about the digestive systemiv) Healthy food for bodyv) Reasons behind spoiling of food <p>Activity :</p> <ul style="list-style-type: none">i) Guess the taste of food closing the eyes.ii) Prepare a colourful chart of different food items.iii) Food chewing habits

	iv) List of food items prepared at home.
July 2017	<p>Chapter-4 : Mangoes round the year</p> <p>i) How does food get spoilt?</p> <p>ii) How can we identify bad (dirty) food items?</p> <p>iii) Methods to prevent food spoilage</p> <p>iv) Preservation of food items</p> <p>Activity:</p> <p>i) To identify the spoilt food.</p> <p>ii) To distinguish between fresh and stale food.</p> <p>iii) To prepare mango pickles by food preservation methods</p> <p>Chapter 5 : Seeds and seeds</p> <p>i) Various types of seeds</p> <p>ii) Use of seeds for eating</p> <p>iii) Process of germination of seed</p> <p>Activity:</p> <p>i) Make list of food items prepared by seeds</p> <p>ii) Grouping of seeds based on their colour and size</p> <p>iii) Different conditions required for development of a plant (observe and take notes).</p> <p>Chapter 6 : Every drop counts</p> <p>i) Discussion on various sources of water</p> <p>ii) Difference between the traditional and modern sources of water</p>

	<p>iii) Difficulties regarding water and its supply</p> <p>iv) Ways to control water wastage</p> <p>Activity :</p> <p>i) Make a list of different sources of water</p> <p>ii) Make a report on water bill.</p> <p>ii) Poster making on water-conservation</p>
<p>August 2017</p>	<p>Chapter 7 : Experiments with water</p> <p>i) Discussion on objects which can sink and float in water</p> <p>ii) Differentiate between soluble and insoluble items in water.</p> <p>iii) Use of water in various ways.</p> <p>Activity :</p> <p>i) Paste pictures of various sources of water</p> <p>ii) Enlist floating and sinking objects</p> <p>iii) Discussion water pollution</p> <p>Chapter 8 : A treat for mosquitoes</p> <p>i) Insects causing diseases in human beings</p> <p>ii) Anaemia and its reason</p> <p>iii) Diseases caused due to dirty places and dirty habits</p> <p>Activity :</p> <p>i) Discussion on blood report.</p> <p>ii) Poster on Malaria Dengue and Chikengunia</p> <p>iii) Methods to be used for controlling mosquito breeding</p> <p>Chapter 9 : Up you go</p>

	<p>i) Mountaineering and its adventures</p> <p>ii) Materials required for mountaineering</p> <p>iii) Precautions while mountaineering</p> <p>iv) Importance of discipline, during a group work.</p> <p>Activity :</p> <p>i) Collection of pictures of mountaineers</p> <p>ii) Plan a picnic taking help of a group leader</p> <p>iii) Enlist some adventurous works by you (every child)</p>
September 2017	<p>Chapter 10 : Walls tell stories</p> <p>i) The fort of Golconda and its features</p> <p>ii) Arrangement of water in Golconda fort.</p> <p>iii) Difference between water management in ancient and modern times.</p> <p>Activity :</p> <p>i) Make a list of historical places situated near your village or city</p> <p>ii) A visit to any locally situated historical monument</p> <p>iii) Prepare a chart of some important historical places of Delhi</p>
	<p>REVISION WORK, CHAPTER 1 TO 10 EXAM</p>
October 2017	<p>Chapter 11 : Sunita in Space</p> <p>i) Discussion on shape of the earth</p> <p>ii) A talk on Sunita's journey in space</p> <p>iii) Explanation of principle of gravity</p>

iv) Different phases of moon

v) Festivals related to full moon.

Activity:

i) Collage of pictures of gravity.

ii) Draw pictures of the Earth and the sun

iii) To find various countries in a globe

Chapter 12 : What if it finishes?

i) Discussion on various types of fuel

ii) Uses of fuel

iii) Difference between traditional and modern system of fuels

Activity :

i) Chart on the topic ‘**Save the Fuel**’

ii) Scrap file showing traditional and modern types of fuel

iii) Collect pictures on transport of vehicles

Chapter 13 : A Shelter So High

i) Discussion about cold deserts

ii) Knowledge about cold areas of India

iii) Life of people living in hilly areas

iv) Sources of income of people residing in cold areas

Activity :

i) Model of a house found in cold areas

ii) Collection of pictures of houses found in Srinagar

iii) Enlist eatables and important objects found in cold areas

November 2017

Chapter 14 : When the Earth shook

- i) Discussion on the effects of earthquake.
- ii) Knowledge of help to be given during Earthquake
- iii) Losses due to Earthquake

Activity :

- i) Mock-drill on Earthquake
- ii) Make a chart showing emergency numbers
- iii) Collect pictures of earthquake, flood and fire

Chapter 15 : Blow hot, blow cold

- i) Story of the wood cutter (from the lesson)
- ii) Uses of air in the process of heating and cooling
- iii) List of work done due to blowing air.

Activity :

- i) Do some activities to make things hot and cold by blowing air
- ii) Pictures of musical instruments.

Chapter 16 : Who will do this work

- i) Discussion on people related to cleaning work
- ii) Features of life style of cleaners
- iii) Dignity towards cleaners and their work

Activity :

- i) Clean and decorate your class-room
- ii) Poster making on – ‘Swachchh Bharat Abhiyan’
- iii) Skit showing the importance of cleanliness

December 2017	<p>Chapter 17 : Across the Wall</p> <ul style="list-style-type: none"> i) Discussion on the games played in schools ii) Discussion on the games played by boys and girls iii) Meeting with ‘Anokhi-team’ and sharing their experiences <p>Activity :</p> <ul style="list-style-type: none"> i) Report on your favourite game ii) A scrap file of famous players of India’s)different games) iii) Different games and their rules (at least 3) <p>Chapter 18 : No Place for us.</p> <ul style="list-style-type: none"> i) Story related to the chapter of Jatra Bhai ii) Discussion about memorable days iii) Discussion on problems due to migration iv) Differences between lives of city and village. <p>Activity :</p> <ul style="list-style-type: none"> i) Draw a picture of a village ii) Role play showing life in cities iii) Debate on city life. <p>Chapter 19 : A seed tells a farmer’s story</p> <ul style="list-style-type: none"> i) Discussion on locally grown plants ii) Vegetables and crops that grow around us iii) Various types of crops iv) Knowledge of the life of a farmer v) Changes in methods of farming with time
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	<p>Activity :</p> <ul style="list-style-type: none"> i) Paste photos of vegetables ii) Collect samples of some crops iii) Make a list of different crops iv) Crops harvested in different seasons. (collect information)
January 2018	<p>Chapter 20 : Whose forests</p> <ul style="list-style-type: none"> i) Discussion on Suryamani’s journey ii) ‘Jhoom Kheti’ and its benefits iii) Knowledge of important forest products <p>Activity :</p> <ul style="list-style-type: none"> i) Make a list of forest products ii) Prepare a chart showing information about forest Act 2001 iii) Poster on conservation of forests <p>Chapter 21 : Like father, like daughter</p> <ul style="list-style-type: none"> i) Relation of family members with each other ii) Discussion on internal relation of the members of a family iii) Traits not matching with parents iv) knowledge of children’s common diseases <p>Activity :</p> <ul style="list-style-type: none"> i) Prepare your family tree ii) Enlist traits which you have acquired from your parents iii) Common diseases in your family
February 2018	<p>Chapter 22 : On the move again</p>

	<ul style="list-style-type: none">i) Discussion on Dhanu's villageii) Migration and its reasonsiii) Problems due to migrationiv) Methods of irrigation <p>Activity:</p> <ul style="list-style-type: none">i) Role-play on life in villagesii) Prepare a chart showing modes of irrigation
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