

MONTHLY SYLLABUS

SESSION-2016-17

CLASS-V

SUBJECT : ENVIRONMENTAL SCIENCE

MONTH	CONTENT
May 2016	<p>Chapter 1: Super senses</p> <ul style="list-style-type: none">i) How did the ant recognizers a friendii) Discussion about the human senseiii) Knowledge about the special powersiv) How the animals recognize the coloursv) Their hearing ability, size of ears <p>Activity :</p> <ul style="list-style-type: none">i) To differentiate between good and bad smell.ii) Relationship between smell and mentalityiii) Quiz based on various sounds of animals.
July 2016	<p>Chapter 2 : A Snake Charmer's Story</p> <ul style="list-style-type: none">i) Lifestyle of a snake charmerii) Behaviour of human beings towards animalsiii) Discussion on decreasing g number of animals <p>Activity:</p> <ul style="list-style-type: none">i) A Visit to a Zooii) Make a chart on national animal <p>Chapter 3 : From tasting to digesting</p> <ul style="list-style-type: none">i) Discussion on various types of foodii) Tell more about your favourite food

	<p>iii) Information about the digestive system</p> <p>iv) Healthy food</p> <p>v) Reasons behind spoiling of food</p> <p>Activity :</p> <p>i) Guess the taste of food closing the eyes.</p> <p>ii) Make a colourful chart of different food items.</p> <p>iii) Food chewing habits – discussion.</p> <p>Chapter-4 : Mangoes round the year</p> <p>i) How does food get spoilt?</p> <p>ii) How the dirty food can be identified?</p> <p>iii) Methods of preservation of food.</p> <p>Activity:</p> <p>i) To identify the spoilt food.</p> <p>ii) How will you distinguish between fresh and stale food.</p> <p>iii) How to preserve the food.</p>
August 2016	<p>Chapter 5 : Seeds and seeds</p> <p>i) Discussion on various types of seeds</p> <p>ii) How the seeds can be used for eating</p> <p>iii) Process of germination of seed</p> <p>Activity:</p> <p>i) 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.</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</p>

	<p>water</p> <p>iii) Difficulties regarding water</p> <p>iv) Measures to control it.</p> <p>Activity :</p> <p>i) List of different sources of water</p> <p>ii) Make a report on water bill.</p> <p>Chapter 7 : Experiments with water</p> <p>i) Table of objects which can sink and objects which can float.</p> <p>ii) To differentiate between soluble and insoluble items.</p> <p>iii) How to use water in different ways.</p> <p>Activity :</p> <p>i) To paste the pictures of various sources of water</p> <p>ii) Uses of floating and sinking objects.</p> <p>iii) Discussion about water pollution.</p>
September 2016	<p>Chapter 8 : A treat for mosquitoes</p> <p>i) Discussion on Anaemia</p> <p>ii) Diseases caused by distress and how to control it.</p> <p>Activity :</p> <p>i) Discussion on blood report.</p> <p>ii) Poster on Malaria Dengue and Chikengunia</p> <p>iii) Tabulate the places where the mosquitoes breed.</p> <p>iv) Discussion on reducing mosquitoes.</p> <p>Chapter 9 : Up you go</p> <p>i) Material required for mountaineering</p> <p>ii) Discussion on any funny incident.</p> <p>iii) Precautions while mountaineering</p>

	<p>Activity :</p> <p>i) Collection of pictures of mountaineers</p> <p>ii) List of material required for mountaineering</p> <ul style="list-style-type: none"> • Discussion on mountaineering • Importance of discipline in group work • Responsibilities of group leader. <p>Activity:</p> <p>i) Planning of a picnic</p> <p>ii) Planning of mountaineering camp.</p>
	<p>REVISION FOR SA-I EXAMS.</p> <p>(CHAPTER 1 TO 9)</p>
September- October	<p>SA-I : Examination</p>
October 2016	<p>Chapter 10 : Walls tell stories</p> <p>i) Discussion on Golconda fort.</p> <p>ii) Discussion on walls, doors, bastions</p> <p>iii) Arrangement of water in historical monuments.</p> <p>iv) Difference between arrangement of water in modern and ancient time.</p> <p>Activity :</p> <p>i) Collection of pictures of historical monuments</p> <p>ii) A visit to a historical monument</p> <p>iii) Make a list of historical places situated at your village or city.</p>
November 2016	<p>Chapter 11 : Sunita in Space</p>

- i) What do our earth look like?
- ii) Discussion on Sunita's journey in space
- iii) Explanation of principle of gravity
- iv) Discussion on different phases of moon
- v) Festivals related to full moon.

Activity:

- i) Collage of pictures related to gravity.
- ii) Draw pictures of the Earth and the sun
- iii) To mark India, America, Pakistan in globe
- iv) Make a list of festivals related to moon

Chapter 12 : What is it finishes?

- i) Discussion on various types of fuel
- ii) Uses of fuel
- iii) Difference between traditional and modern fuel

Activity :

- i) Chart on the topic 'Save the Fuel'
- ii) Picture collection (transport of vehicles)
- iii) Make a scrap file showing traditional and modern fuel

Chapter 13 : A Shelter So High

- i) Discussion about cold deserts
- ii) Know about cold areas of India
- iii) People living on top of the world
- iv) Sources of income
- v) Characteristics of their fabrics

Activity :

	<p>i) Model of a house found at cold areas</p> <p>ii) Collection of pictures of Srinagar's house</p> <p>iii) List of famous objects and eatables found at cold places.</p> <p>Chapter 14 : When the Earth shook</p> <p>i) Discussion on the effects of earthquake.</p> <p>ii) Help arrives</p> <p>iii) Discussion on losses due to earthquake.</p> <p>Activity :</p> <p>i) Artificial training on earthquake</p> <p>ii) To collect information and pictures of earthquake flood, fire etc.</p> <p>iii) Chart showing emergency number.</p>
December 2016	<p>Chapter 15 : Blow hot, blow cold</p> <p>i) Story of wood cutter</p> <p>ii) Uses of air in cold and hot</p> <p>iii) List of work done due to blowing.</p> <p>Activity :</p> <p>i) List of items which can be cool by blowing.</p> <p>ii) Pictures of musical instruments.</p> <p>Chapter 16 : Who will do this work</p> <p>i) Discussion on cleaning job.</p> <p>ii) Characteristics of lifestyle of cleaners.</p> <p>iii) Workplace of cleaners.</p> <p>Activity :</p> <p>i) To decorate the class by cleaning</p>

	<p>ii) Poster on ‘Swachh Bharat Abhiyan’</p> <p>iii) Skit showing the importance of cleanliness.</p> <p>Chapter 17 : Across the Wall</p> <p>i) Meeting the team and sharing the experiences</p> <p>ii) Discussion on the games played in schools.</p> <p>iii) Discussion on the games played by boys and girls.</p> <p>Activity :</p> <p>i) Report on your favourite game.</p> <p>ii) Collage of famous players of India.</p> <ul style="list-style-type: none"> • Discussion on the games which are played in our neighbourhood. • Time spent with school team. <p>Chapter 18 : No Place for us.</p> <p>i) Story of Jatreyia Bhai thinking of old days.</p> <p>ii) Discussion about memorable days</p> <p>iii) Discussion on problems faced by migration</p> <p>iv) Difference between lives of city and village.</p> <p>Activity :</p> <p>i) Draw a picture of village</p> <p>ii) Role play showing life in cities</p> <p>iii) Debate on city life.</p>
<p>26.12.2016 to 15.01.2017</p>	<p style="text-align: center;">WINTER BREAK</p>
<p>January 2017</p>	<p>Chapter 19 : A seed tells a farmer’s story</p> <p>i) Discussion on a seed</p>

	<p>ii) Discussion about vegetables and crops and grow around us</p> <p>iii) Know the various types of crops</p> <p>iv) Know the life of farmers</p> <p>v) Discussion on change in method of farming with time</p> <p>vi) Discussion on Bhaskar's farm.</p> <p>Activity :</p> <p>i) Paste photos of vegetables</p> <p>ii) Collect samples of crops</p> <p>iii) Make a list of different crops</p> <p>iv) Crops harvested in different seasons.</p> <p>Chapter 20 : Whose forests</p> <p>i) Discussion on Suryamani's journey</p> <p>ii) Know the map of India</p> <p>iii) Discussion on 'Jhoom Kheti'</p> <p>Activity :</p> <p>i) Make a list of the things we get from forests</p> <p>ii) Draw a map of India</p> <p>iii) A list of different animals lived in forests.</p> <p>iv) Chart of map of India</p> <p>v) Chart showing information about forest act 2001</p> <p>vi) Poster on conservation of forests.</p>
February 2017	<p>Chapter 21 : Like father, like daughter</p> <p>i) How family members are related to one another.</p> <p>ii) Discussion on the characteristics of family members</p>

	<p>iii) Discussion on which traits we have not acquired from our parents</p> <p>iv) Know the normal diseases in the children.</p> <p>Activity :</p> <p>i) Make a family tree.</p> <p>ii) Make a list which traits you have acquired from your parents</p> <p>iii) Discussion on the reason and solution of ‘Polio’</p> <p>iv) Make a list about diseases that run in a family.</p> <p>Chapter 22 : On the move again</p> <p>i) Discussion on Dhanu’s village</p> <p>ii) Discussion why the villagers migrate due to work</p> <p>Activity:</p> <p>i) Know the method of irrigation.</p> <p>ii) Role play on how to get loan by the villagers.</p>
February	<p>REVISION FOR SA-2 EXAMINATION</p> <p>(CHAPTER 12 TO 27)</p>
Feb-March	<p>SA-2 EXAMINATION</p>