

## LESSON PLAN

Class : **VII**

Name of the Teacher : **SUNKARI RAMBABU**

Subject : **SOCIAL STUDIES**

School : **ZPHS, Garudabilli**

Name of the Lesson/ Unit	Topic	No. of Periods Required	Time line for teaching		Any specific Information
			From	To	
<b>The Universe and the Earth</b>	• The Universe	2	18/07/2022	19/07/2022	The Universe is a vast space that contains many unimageable elements.
	• The Solar System	2	20/07/2022	21/07/2022	The Sun, eight planets and their satellites are to gathered called as the solar system.
	• Environment	5	22/07/2022	27/07/2022	An environment is a natural system that works with all living and non-living things including plants, animals and micro-organisms in an area.
	• Factors of pollution	2	28/07/2022	29/07/2022	Addition of various impurities to the environment is pollution.
	• Disasters	1	30/07/2022	30/07/2022	Disaster is a serious disruption that occurs in the short or long term, causing extensive human, physical, economic or environmental damage that exceeds the ability of the affected community to use its own resources.

**Prior Concepts / Skills:**

- Know about Sun, Moon, Earth, Stars,
- Group of Stars,
- Universe,
- Galaxy
- Solar System
- Planets etc.

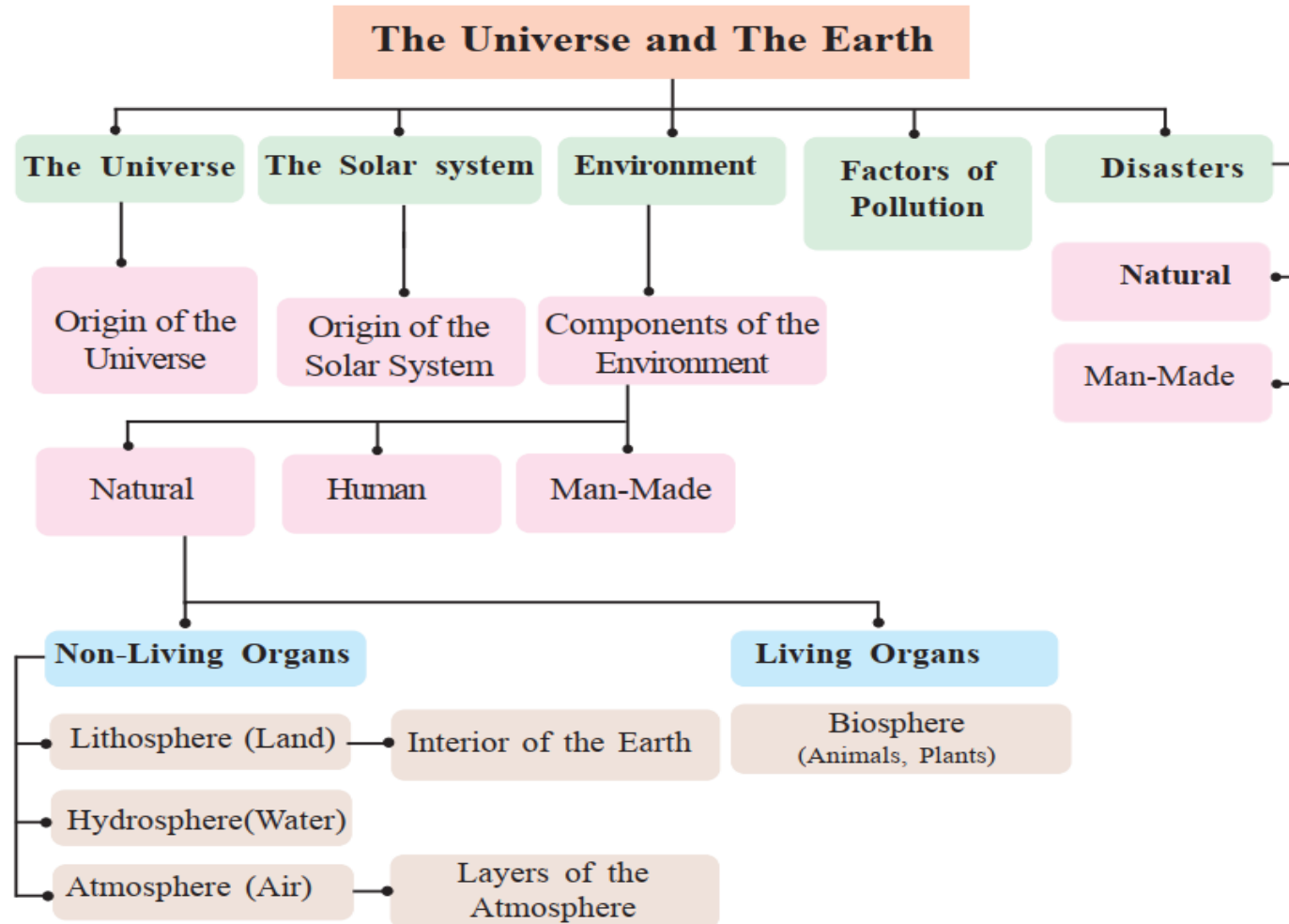
**Learning Outcomes****No. of Periods**

12

- Understand the origin of the Universe.
- Understand the components of the environment.
- Appreciate the role of minerals in human life.
- Know about the important realms of the Earth.
- Locate various water bodies on the world map.
- Describe relations among the components of the environment.
- Know the factors effecting air and water pollution.
- Suggest preventive measures of disasters.

## TEACHING LEARNING PROCESS

### Induction / Introduction:



We will learn about the above concepts through this lesson.

**Experience and Reflection:**

- What are the elements of Solar system?
- What is meant by Galaxy?
- What do you know about planets?
- Say a few lines about the Earth?
- Which is the third planet from the Sun?
- How the Sun helpful to human beings?

<b>Explicit Teaching / Teacher Modelling (I Do)</b>	<b>Group Work (We Do)</b>	<b>Independent Work (You Do)</b>	<b>Check for Understanding Questions</b>	<b>TLM (Digital + Print)</b>
<ul style="list-style-type: none"><li>• Explain about the Universe and the origin of the Universe.</li><li>• Explain about Big Bang Theory through a video related Big Bang Theory displaying through DCR.</li><li>• Ask to students to collect additional information and pictures about origin of the Universe as a group work.</li></ul>	<ul style="list-style-type: none"><li>• collect additional information and pictures about origin of the Universe as a group work.</li></ul>	<ul style="list-style-type: none"><li>• Watching Big Bang Theory video and respond on origin of the Universe.</li></ul>	<ul style="list-style-type: none"><li>• Define the Universe?</li><li>• Explain the origin of the Universe?</li><li>• Who proposed Big Bang theory?</li></ul>	Textbook - APSCERT  PPT Big Bang theory video

Explicit Teaching / Teacher Modelling (I Do)	Group Work (We Do)	Independent Work (You Do)	Check for Understanding Questions	TLM (Digital + Print)						
<ul style="list-style-type: none"> <li>Explain and visualise “The solar system”.</li> <li>Play a video which shows solar system.</li> <li>Show a picture with the information which shows “Solar system” and the students to prepare a table.</li> <li>Explain about the Sun and Eight planets by displaying PPT.</li> </ul>	<ul style="list-style-type: none"> <li>Students participated a role play on solar system.</li> <li>Prepare a model of solar system.</li> </ul>	<ul style="list-style-type: none"> <li>Prepare a table on solar system.</li> <li>Prepare some questions based on the above table which shoe about solar system.</li> </ul>	<ul style="list-style-type: none"> <li>Name the Eight planets?</li> <li>What is planet?</li> <li>In what way the sun useful to human beings?</li> </ul>	Solar system Video  PPT which shows about planets.						
<ul style="list-style-type: none"> <li>Explain about environment and elements of environment.</li> <li>Display a picture shows elements of the environment and ask to fill the table given below.</li> </ul> <table border="1" data-bbox="179 1121 772 1422"> <thead> <tr> <th data-bbox="192 1129 383 1225">Natural Environment</th> <th data-bbox="383 1129 573 1225">Human Environment</th> <th data-bbox="573 1129 763 1225">Man-Made Environment</th> </tr> </thead> <tbody> <tr> <td data-bbox="192 1225 383 1337"></td> <td data-bbox="383 1225 573 1337"></td> <td data-bbox="573 1225 763 1337"></td> </tr> </tbody> </table>	Natural Environment	Human Environment	Man-Made Environment					<ul style="list-style-type: none"> <li>Fill the given table in the text book based on the picture shown related elements of the environment.</li> </ul>	<ul style="list-style-type: none"> <li>What meant by environment?</li> <li>What are the elements of the Environment?</li> <li>How natural environment helps to human beings?</li> </ul>	Text book  PPT  Globe
Natural Environment	Human Environment	Man-Made Environment								

Explicit Teaching / Teacher Modelling (I Do)	Group Work (We Do)	Independent Work (You Do)	Check for Understanding Questions	TLM (Digital + Print)
<ul style="list-style-type: none"> <li>Organise a group activity related to “Elements of natural environment” that is preparation of scrap book with various pictures of natural environment.</li> <li>Organise an individual activity related to various land form which was given in the text book.</li> <li>Organise map pointing activity on identification of water bodies in the world map.</li> <li>Ask to prepare a table based on Fig 1.9 Composition of Atmosphere.</li> </ul>	<ul style="list-style-type: none"> <li>Prepare a scrap book with the pictures that shows natural environment as a group work.</li> </ul>	<ul style="list-style-type: none"> <li>Note down the elements of natural environment.</li> <li>Fill the table related to various land forms.</li> <li>Locate various water bodies in the world map.</li> <li>Prepare a table based on Fig:1.9.</li> </ul>	<ul style="list-style-type: none"> <li>What are the elements of natural environment?</li> <li>What are the natural realms of the Earth?</li> <li>What are the elements in the lithosphere?</li> <li>What are the various layers in the atmosphere?</li> </ul>	<p>Text book</p> <p>PPT</p> <p>Globe</p>
<ul style="list-style-type: none"> <li>Explain about various factors of pollution.</li> <li>Display video which shows various pollutions and their factors.</li> </ul>		<ul style="list-style-type: none"> <li>Note down various factors of pollution by watching the video related to pollutions.</li> </ul>	<ul style="list-style-type: none"> <li>What is meant by pollution?</li> </ul>	<p>Text book</p> <p>Video related to various pollutions</p>

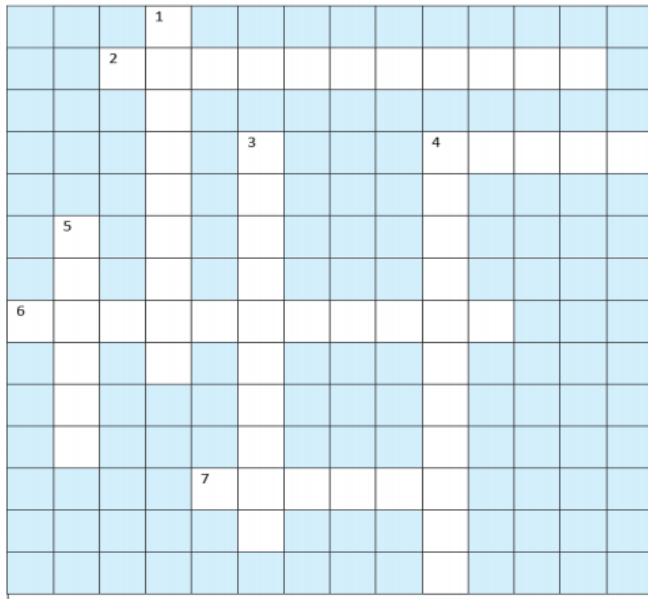
<b>Explicit Teaching / Teacher Modelling (I Do)</b>	<b>Group Work (We Do)</b>	<b>Independent Work (You Do)</b>	<b>Check for Understanding Questions</b>	<b>TLM (Digital + Print)</b>
<ul style="list-style-type: none"> <li>Organise group discussion on various pollutions and their factors and effects.</li> </ul>	<ul style="list-style-type: none"> <li>Participate in group discussion on factors and effects of various pollutions.</li> </ul>		<ul style="list-style-type: none"> <li>What are various kinds of pollutions?</li> <li>What are factors that causes air pollution?</li> </ul>	
<ul style="list-style-type: none"> <li>Explain about various disasters.</li> <li>Ask to collect various news papers cutting related to various disaster and prepare a scrap book.</li> <li>Ask to prepare slogan on prevention of disasters.</li> </ul>	<ul style="list-style-type: none"> <li>Collect news paper cuttings related to various disasters and prepare a scrap book as a class room activity.</li> </ul>	<ul style="list-style-type: none"> <li>Note down preventive measure to disasters.</li> <li>Prepare slogans on prevention of disasters.</li> </ul>	<ul style="list-style-type: none"> <li>What is meant by disaster?</li> <li>Name some natural disasters.</li> </ul>	Text book Various disasters video

### Student practice Questions & Activities:

1. Fill the answer to Multiple choice questions in Improve your learning.
2. Fill up the Following table.

<b>Word</b>	<b>Origin (word) and meaning</b>	<b>Origin (language)</b>
Biosphere		
Lithosphere		
Hydrosphere		
Atmosphere		
Environment		

3. Solve the puzzle which was given in the back side of the lesson with given clues.



**Down**

- 1. A system formed by the interaction of all living organisms (9)
- 3. Blanket of air (10)
- 4. Our surroundings (11)
- 5. Life gas (6)

**Across**

- 2. Hard surface layer of the Earth (11)
- 4. Planet which has life (5)
- 6. Natural domain of water (11)
- 7. A Human-made environment (6)

- 4. Fill up the match the following in improve your learning.
- 5. Ask to prepare a poster showing the activities that destroy natural environment.

**Assessment:**

- 1. What do you know about the Universe?
- 2. What is meant by natural environment?
- 3. Prepare any two slogans on protection of environment?
- 4. Composition of atmosphere is getting changes now. Give reasons.

*Signature of the Teacher*

*Visiting officer with remarks*

*Signature of the Headmaster*