

## LESSON PLAN

Class : **X**

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	
Indian Rivers and water Resources	<ul style="list-style-type: none"> <li>Indian Rivers</li> </ul>	3	01/09/2022	03/09/2022	Indian rivers can be divided into Himalayan rivers (Indus, Ganges, Brahmaputra) and peninsular rivers (Godavari, Krishna, Mahanadi, Cauvery etc.)
	<ul style="list-style-type: none"> <li>Water Use</li> </ul>	2	06/09/2022	07/09/2022	Inflows = Precipitation + Surface flow + ground water. Outflows = water use for various purposes.
	<ul style="list-style-type: none"> <li>Water use in the Tungabhadra River basin</li> </ul>	2	08/09/2022	09/09/2022	Tungabhadra is the largest tributary among the tributaries of Krishna. It is shared by two southern states of Karnataka and Andhra Pradesh.
	<ul style="list-style-type: none"> <li>Rational and equitable use of water – an example</li> </ul>	2	12/09/2022	13/09/2022	Hiware Bazar was selected under the Adarsh Gram Yojana of Maharashtra government for watershed.
	<ul style="list-style-type: none"> <li>Water as common pool resource</li> </ul>	1	14/09/2022	14/09/2022	Water is common pool resource.

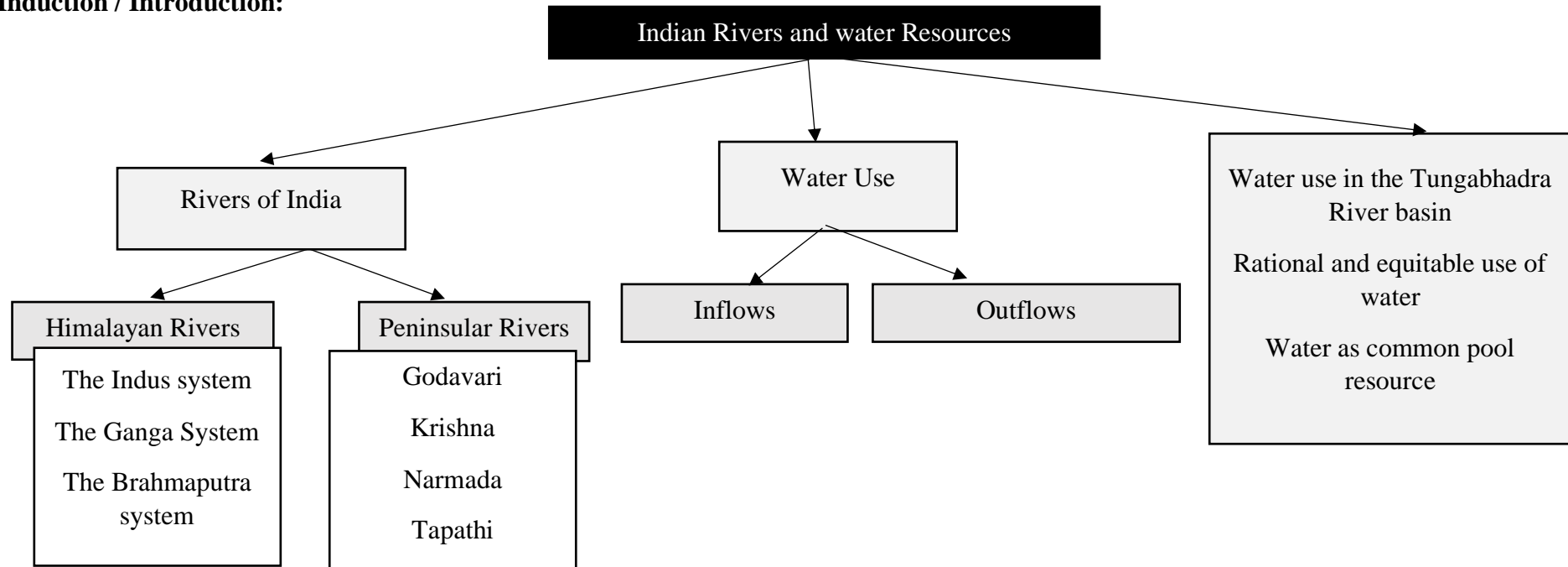
**Prior Concepts / Skills:**

- Rivers
- India – states
- Various uses of water
- Precipitation
- Water cycle
- Evaporation
- Condensation
- Surface flow
- Ground water

<b>Learning Outcomes</b>	<b>No. of Periods</b>
▪ Differentiate between the Himalayan rivers and the Peninsular rivers.	<b>10</b>
▪ Explain about various inflows and out flows.	
▪ Appreciate the role of rivers in the development of India.	
▪ Appreciate the people of Hiware Bazar in increasing ground water.	
▪ Explain the various uses of water, challenges in Tungabhadra River basin.	
▪ Locate rivers of India in the given India map.	

## TEACHING LEARNING PROCESS

### Induction / Introduction:



- We will learn about the above key concepts through this lesson.

### Experience and Reflection:

- What are the various sources of water?
- What is meant by precipitation?
- What is water cycle?
- How evaporation is different from condensation?

<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 various rivers in India.</li> <li>➤ Explain differences between the Himalayan rivers and the peninsular rivers through discussion mode.</li> <li>➤ Ask to point out various rivers in India in the given India map.</li> <li>➤ Organise a group activity on the map in the textbook page no.60 regarding map reading skill.</li> <li>➤ Ask to note down the key points about Indian rivers.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Participated group activity on the map in the textbook page no.60 regarding map reading skill.</li> </ul>	<ul style="list-style-type: none"> <li>• Point out the Indian rivers in the given India map.</li> <li>• Note down the key points related to Indian rivers.</li> </ul>	<ul style="list-style-type: none"> <li>• Name the Himalayan rivers.</li> <li>• Give examples for peninsular rivers.</li> <li>• Why most of the peninsular rivers flowing towards the east?</li> <li>• What are the tributaries of Indus River?</li> </ul>	<p>Textbook - APSCERT</p> <p>PPT Globe India Map</p> <p>DIKSHA video</p>
<ul style="list-style-type: none"> <li>➤ Explain about Inflows and outflows as a part of water use.</li> <li>➤ Ask to draw a flow chart on inflows and outflows as a group work.</li> <li>➤ Ask to note down key points related to inflows and outflows.</li> </ul>	<ul style="list-style-type: none"> <li>• Participation in preparation of flow chart on inflows and outflows.</li> </ul>	<ul style="list-style-type: none"> <li>• Note down the key points related to inflows and outflows.</li> </ul>	<ul style="list-style-type: none"> <li>• What are the various inflows?</li> <li>• What are the various outflows?</li> <li>• What is meant by precipitation?</li> </ul>	<p>Textbook - APSCERT</p> <p>PPT Globe India Map</p>

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 about water use in the Tungabhadra River basin.</li> <li>• Display video related Tungabhadra River basin.</li> <li>• Organise group discussion on challenges and various usage of Tungabhadra River.</li> <li>• Ask to point out Tungabhadra River in India map.</li> </ul>	<ul style="list-style-type: none"> <li>• Participated in group discussion on challenges and various usage of Tungabhadra River.</li> </ul>	<ul style="list-style-type: none"> <li>• Point out Tungabhadra Rive in India map.</li> <li>• Note down challenges in Tungabhadra River basin.</li> </ul>	<ul style="list-style-type: none"> <li>• What are challenges in Tungabhadra River basin?</li> <li>• What are the various purposes of Tungabhadra River water?</li> <li>• Give suggestions to overcome challenges in Tungabhadra River basin.</li> </ul>	<p>Textbook - APSCERT</p> <p>PPT</p> <p>World Map</p> <p>India Map</p> <p>DIKSHA video</p>
<ul style="list-style-type: none"> <li>• Explain about rational and equitable use of water.</li> <li>• Organise group discussion on Hiware Bazar incident.</li> <li>• Ask to note down key points about rational and equitable use of water.</li> <li>• Ask to point out Hiware Bazar in India map.</li> </ul>	<ul style="list-style-type: none"> <li>• Participated in group discussion on Hiware Bazar incident.</li> </ul>	<ul style="list-style-type: none"> <li>• Point out Hiware Bazar in India map.</li> <li>• Note down the key points about rational and equitable use of water.</li> </ul>	<ul style="list-style-type: none"> <li>• Hiware Bazar situated in which state?</li> <li>• What activities helped to increase ground water in Hiware Bazar?</li> <li>• Expand CCT.</li> <li>• What are four bandis implemented in Hiware Bazar?</li> </ul>	<p>Textbook - APSCERT</p> <p>PPT</p> <p>India Map</p> <p>DIKSHA video</p>

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 about water as common pool resource.</li> <li>• Organise whole class room activity on water as common pool resource.</li> <li>• Ask to note down the key points about water as common pool resource.</li> </ul>	<ul style="list-style-type: none"> <li>• Participated in whole class room activity on water as common pool resource.</li> </ul>	<ul style="list-style-type: none"> <li>• Note down key points about water as common pool resource.</li> </ul>	<ul style="list-style-type: none"> <li>• Why water called as common pool resource?</li> </ul>	Textbook - APSCERT  PPT India Map

**Assessment:**

1. Create a table with the information related to the Himalayan rivers?
2. What are the different inflows and outflows in the context of water resources?
3. Which aspects of farming practices were regulated in the context of Hiware Bazar to improve water conservation?
4. What are various uses of water in Tungabhadra River basin?
5. What are the differences between the Himalayan rivers and the peninsular rivers?
6. Give suggestion to improve ground water.

*Signature of the Teacher*

*Signature of the Headmaster*

*Visiting officer with remarks*