

LESSON PLAN

Class : **IX**

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	
Hydrosphere	<ul style="list-style-type: none"> Hydrological Cycle 	1	03/09/2022	03/09/2022	Hydrological cycle is the circulation of water in different forms i.e, the liquid, solid and the gaseous phases.
	<ul style="list-style-type: none"> Water Sources Oceans 	1	06/09/2022	06/09/2022	97.25% of water is saline ocean waters and only 2.75% is fresh water.
	<ul style="list-style-type: none"> Relief of the ocean 	1	07/09/2022	07/09/2022	Ocean floor is divided into four parts. They are: continental shelf, Continental slope, Deep Sea plain, Oceanic deeps.
	<ul style="list-style-type: none"> Salinity of the ocean Ocean temperature 	1	08/09/2022	08/09/2022	PPT- Parts Per Thousands Generally speaking, the average salinity of the average salinity of oceans is 35‰.
	<ul style="list-style-type: none"> Ocean currents 	1	09/09/2022	09/09/2022	The ocean current is the general movement of water a mass in a fairly defined direction over great distance. The ocean currents are sometimes called ocean rivers.
	<ul style="list-style-type: none"> Ocean as a Resource 		11/09/2022	11/09/2022	Most life on the Earth is under water. Human beings have depended on oceans for their food and livelihood.

Prior Concepts / Skills: Continents, Oceans, Mountains, Plains, Plateaus etc.

Learning Outcomes

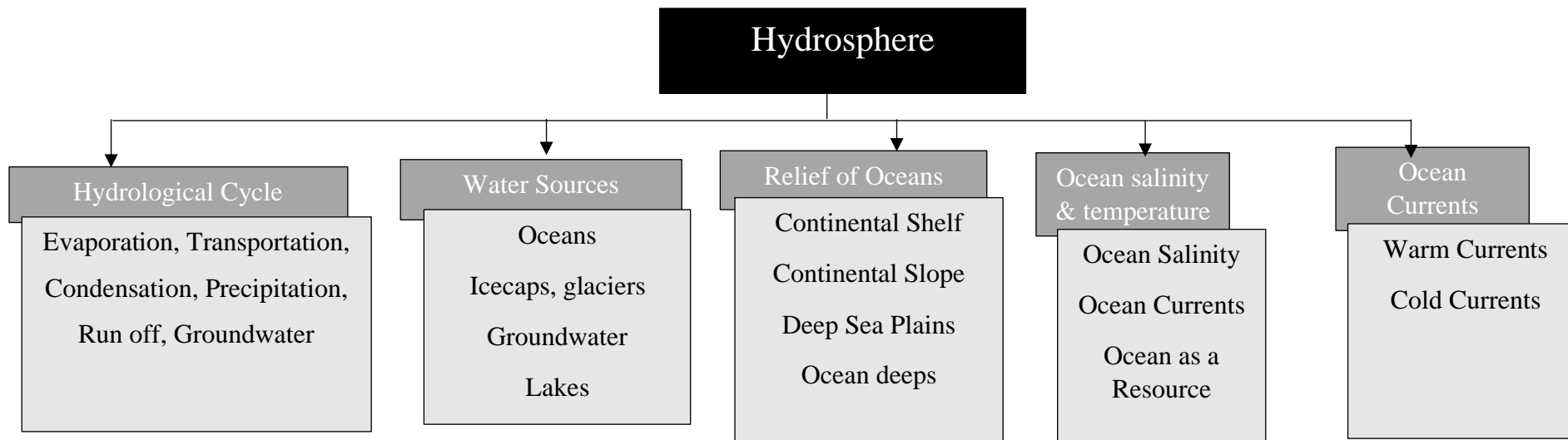
No. of Periods

- Understand the hydrological cycle and its stages.
- Explain the relief of the ocean, salinity of the ocean.
- Classify the ocean currents as warm and cold currents.
- Appreciate the role of oceans in human life.
- Locate important ocean currents in the given world map.

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TEACHING LEARNING PROCESS

Induction / Introduction:



\We will learn about the above concepts through this lesson.

Experience and Reflection:

- What do you know about hydrosphere?
- Name the elements in the hydrosphere.
- How many oceans are there on the Earth?
- Name the oceans.
- What are the uses of oceans?

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">• Explain about hydrological cycle.• Display video related hydrological cycle.• Ask to prepare a chart on hydrological cycle as a group work.• Ask to note down the key points about hydrological cycle.	<ul style="list-style-type: none">• Participated in preparation of chart with hydrological cycle.	<ul style="list-style-type: none">• Note down the key points about hydrological cycle.	<ul style="list-style-type: none">• What is meant by hydrosphere?• Define hydrological cycle?• What are the stages in hydrological cycle?• How evaporation is different from condensation?• What is meant by precipitation?	Textbook – APSCERT World map Globe Atlas DIKSHA 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"> • Explain about water sources and oceans. • Organise an individual activity on water sources and oceans related to information skill. • Ask to point out oceans and continents in the world outline map. 		<ul style="list-style-type: none"> • Participated in the Information skill activity. • Point out oceans and continents in the given world map. 	<ul style="list-style-type: none"> • What are the water sources? • What is meant by ocean? • How many oceans are there? What are they? 	Textbook – APSCERT World map Globe Atlas DIKSA video
<ul style="list-style-type: none"> • Explain about relief of the ocean. • Display a video related to relief of the ocean. • Ask to prepare a chart on relief of ocean as a group activity. • Ask to note down key points related to relief of ocean. 	<ul style="list-style-type: none"> • Prepare a chart related to relief of an ocean. 	<ul style="list-style-type: none"> • Note down the key points related to relief of ocean. 	<ul style="list-style-type: none"> • What are the parts of ocean relief? • How continental shelf helps to human beings? 	Textbook – APSCERT World map Globe Atlas DIKSA video
<ul style="list-style-type: none"> • Explain about salinity of the oceans. • Explain about ocean temperature. • Organise group discussion on ocean salinity and ocean temperature. 	<ul style="list-style-type: none"> • Participated in group discussion on ocean salinity and ocean temperature. 	<ul style="list-style-type: none"> • Note down the key points about ocean salinity and temperature. 	<ul style="list-style-type: none"> • What is meant by Isohaline? • What are the factors affecting salinity? • In which ocean highest salinity recorded? 	Textbook – APSCERT World map Globe Atlas

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"> • Explain about ocean currents. • Ask to identify various ocean currents in the world map. • Explain about oceans as a resource. • Organise group discussion on ocean as a resource. 	<ul style="list-style-type: none"> • Participated in group discussion on ocean as a resource. 	<ul style="list-style-type: none"> • Point out ocean currents in the world map. 	<ul style="list-style-type: none"> • What is meant by ocean current? • Give example for warm ocean currents. • How oceans are helpful to human beings? • Give examples for cold currents. 	Textbook – APSCERT World map Globe Atlas

Assessment:

1. Why differences are there in the salinity of oceans?
2. How is human life depending on oceans?
3. What are the stages of hydrological cycle?
4. What are the parts in ocean relief?
5. What are the factors influenced on ocean currents?
6. How continental shelf is important for human beings?

Signature of the Teacher

Signature of the Headmaster

Visiting officer with remarks