

SALWAN PUBLIC SCHOOL, RAJENDRA NAGAR

CLASS X

LESSON PLAN

GEOGRAPHY : WATER RESOURCES

UNIT	GEOGRAPHY: WATER RESOURCES
CLASS TRANSACTION	<u>TOTAL NO OF PERIODS : 05</u> PERIOD 1 State the meaning of the term ‘ Water scarcity’ How does water scarcity occurs? PERIOD 2 Why do we need to conserve water? The need of Multipurpose River Valley Projects PERIOD 3 Disadvantages of Dams Social Movements and Dams Conventional methods of water harvesting PERIOD 4 The need for water harvesting in India PERIOD 5 Methods of Rainwater Harvesting in India
LEARNING OBJECTIVES	The learners will : • Identify the causes of water scarcity in India. • Compare and contrast the advantages and disadvantages of multipurpose river valley projects. • Describe the various rainwater harvesting methods practiced in India.
PRE REQUISITES OF THE COURSE	The learners will have previous knowledge of the terms : Hydroelectricity Dams Rainwater Harvesting
LEARNING OUTCOMES	The learners would : • Define water scarcity • Analyse the causes of water scarcity • Explain the need for conservation of Water. • Analyse the advantages and disadvantages of Multipurpose Projects.

	• Explain the need for conservation of rain water • Discuss the methods of Rainwater harvesting.
METHODOLOGY (The teacher can use the mentioned techniques, wherever applicable and can use any Other too).	METHODOLOGY – • The topic would be introduced through a general discussion on water facts and its importance. • Building upon the learners' response the causes of water scarcity will be explained. • Learners will prepare a mind map of the topic water scarcity and its causes. • The topic of Multipurpose Projects would be introduced through the vision of Nehru and how it has changed in last 60 years. • The Explanation Content (PPT) shall be used to explain the advantages and disadvantages of Multipurpose Projects. • Articles from newspapers and magazine will be shared in class on water disputes.
SELF STUDY & HOME WORK ASSIGNMENT	1. What is water scarcity? 2. How is urbanization responsible for Water Scarcity? 3. Analyse the causes of water scarcity in India. 4. What is dam? Why were dams built? 5. Comment on the disadvantages of Dams? 6. Which Social Movements are associated with Dams? What are the conventional methods of rainwater harvesting? 7. Describe the methods of rainwater harvesting in arid regions. 8. Shillong receives highest amount of rainfall,yet faces problems of water scarcity. Discuss. (HOTS)