



SCIENCE

CHAPTER 9-WEATHER AND CLIMATE

LESSON 2-WATER

PART 1



Created by- Nisha Tanwar

WHERE IS EARTH'S WATER FOUND?

SALT WATER

- Oceans have salt water.
- This water cannot be used for plants or for drinking

FRESH WATER

- This is water without much salt.
- Rivers.
- Lakes, ponds.
- Glaciers and icecaps hold most of earths water

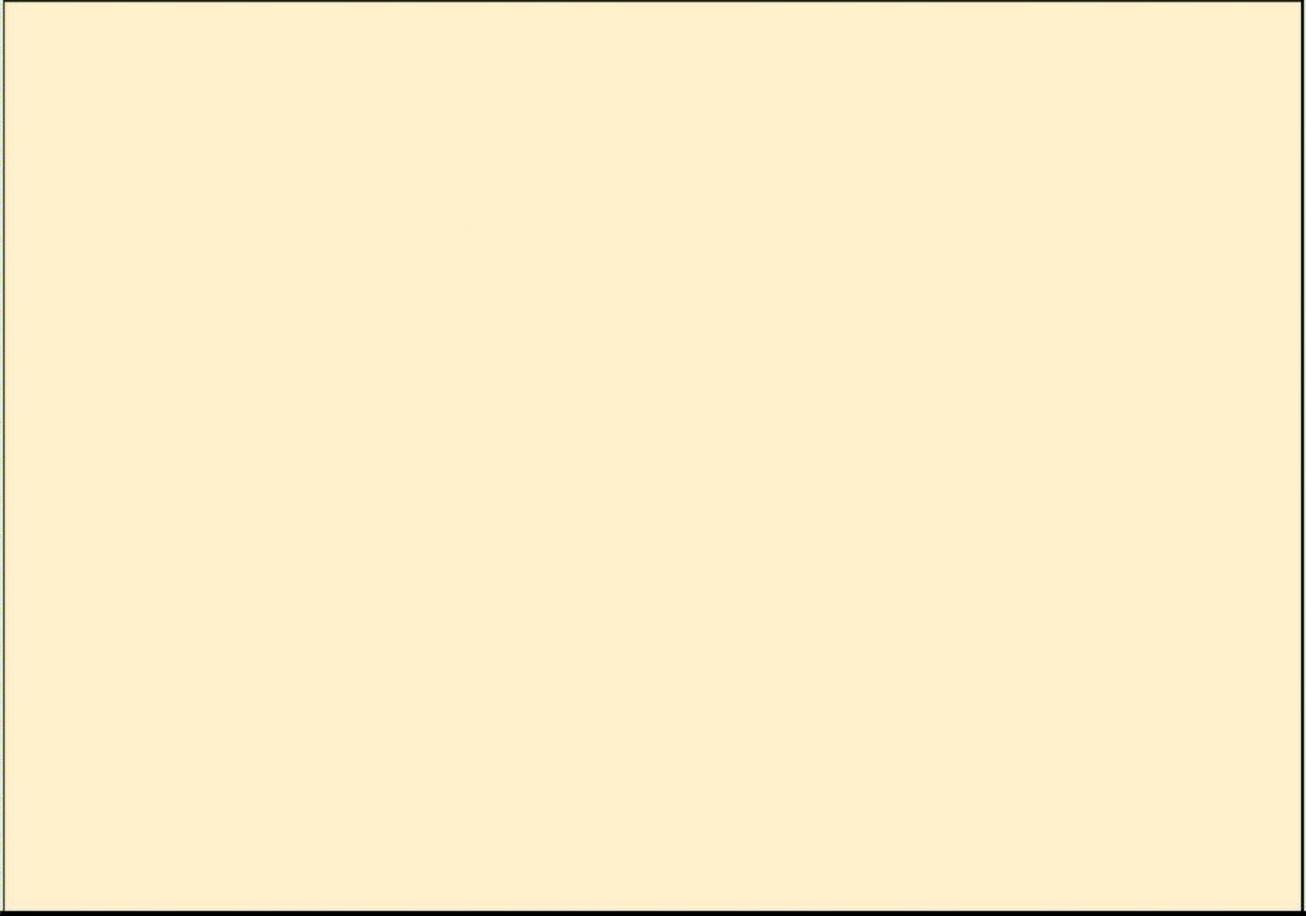
UNDERGROUND WATER

- Water that soaks into soil
- Ground water that is fills cracks in rocks under the ground

WATER SHED

- Water flows downhill into a stream, lake, or river
- People who live in a watershed tend to use the water that drains through it.

WATCH VIDEO ABOUT SOURCES OF WATER



HOW IS FRESH WATER SUPPLIED

- ❖ Most large towns and cities get their water from reservoirs.
- ❖ A **RESERVOIR** is a storage area for holding and managing freshwater.
- ❖ A **WELL** is the most common way of getting groundwater.

- ❖ Wells are deep holes drilled or dug below the ground. Pumps get the water to the surface.

WATCH VIDEO ABOUT HOW UAE GETS FRESH WATER IN HOMES



HOW ELSE DO WE USE WATER ?

- ❖ **IN FARMING->** Freshwater is used in farming. In some places, irrigation supplies the water for

growing crops. Irrigation is a way to bring water into the soil through pipes or ditches.

- ❖ **IN INDUSTRY->** It is used to generate electricity.
- ❖ **IN TRANSPORTATION->** Ships use water to transport goods.
- ❖ **FOR RECREATIONAL ACTIVITIES->** for swimming, boating, and fishing.

WATCH VIDEO ABOUT HOW USES OF WATER



PRACTICE QUESTIONS:

1. How could we use salt water?

TYPE YOUR ANSWER

2.

How do people make water safe for drinking?

Why should you not drink water directly from streams or lakes?

3.



The map shows the United Arab Emirates (UAE) in the center, with its capital Abu Dhabi marked. To the north is the Persian Gulf, and to the east is the Strait of Hormuz and the Oman Sea. Other countries shown include Bahrain (Manama), Qatar (Doha), Saudi Arabia (Riyadh), Oman (Muscat), Yemen, Egypt, and Sudan. The Red Sea is visible to the west.

Read a Map

Which large bodies of water surround the United Arab Emirates?

4.

What problem does irrigation solve?

TYPE YOUR ANSWER

5. All the water in a(n) _____ drains into one river or stream.

6. Where is most of Earth's freshwater found?

- ❖ In lakes, rivers, and streams
- ❖ In the atmosphere
- ❖ In glaciers and ice caps
- ❖ Below the ground

WATER TREATMENT PLANTS

- ❖ Supply of freshwater from any sources of freshwater.
- ❖ Water goes into a filter to stop large objects
- ❖ Water is chemically treated- it is cleaned
- ❖ It is stored in a reservoir until it is needed.
- ❖ It is pumped into our homes by Pipelines.

