

Water:

Water is a clear liquid that we drink to stay healthy and hydrated. All Living things need water to stay alive.

Related SLO

Students' Learning Outcomes

- **Recognize that living things need water to stay alive.**

- **Plants:**

Plants drink water with their roots.
Without water, they will dry and die.



- **Animals:**

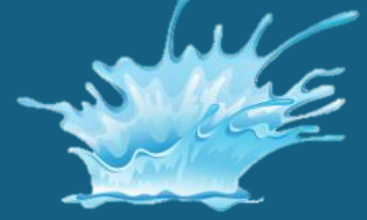
Animals drink water to stay healthy. It helps them digest food and stay cool.



- **Humans:**

Humans need water every day to stay healthy. It helps their bodies work well and keeps them from getting sick.





Uses of Water:

Water is used in everyday life for drinking to keep us healthy, washing our hands to stay clean, and watering plants to help them grow.

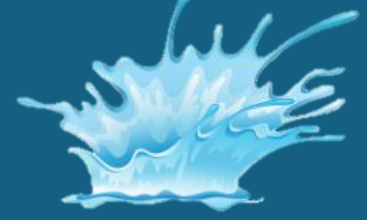
Related SLO

Students' Learning Outcomes

- Identify simple uses of water in everyday life.



Uses of Water		
 <p>Drinking</p>	 <p>Swimming</p>	 <p>Watering Plants</p>
 <p>Washing hands</p>	 <p>Cooking</p>	 <p>Washing Clothes</p>



Natural Sources of Water:

Natural sources of water are places where water is found naturally. These sources provide the water we drink, use for cooking, and for plants and animals to live.

Examples:

Related SLO

Students' Learning Outcomes

- Identify the natural sources of water around themselves.
- Recognize the importance of water resources.



Ocean



Rain



River



Pond

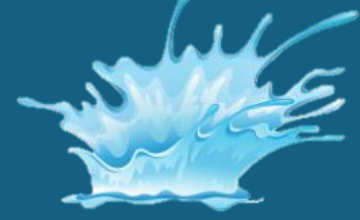


Lake

Importance of Water Resources:

Water resources are important because they;

- Give us water to drink
- Help plants grow.
- Provide homes for animals.



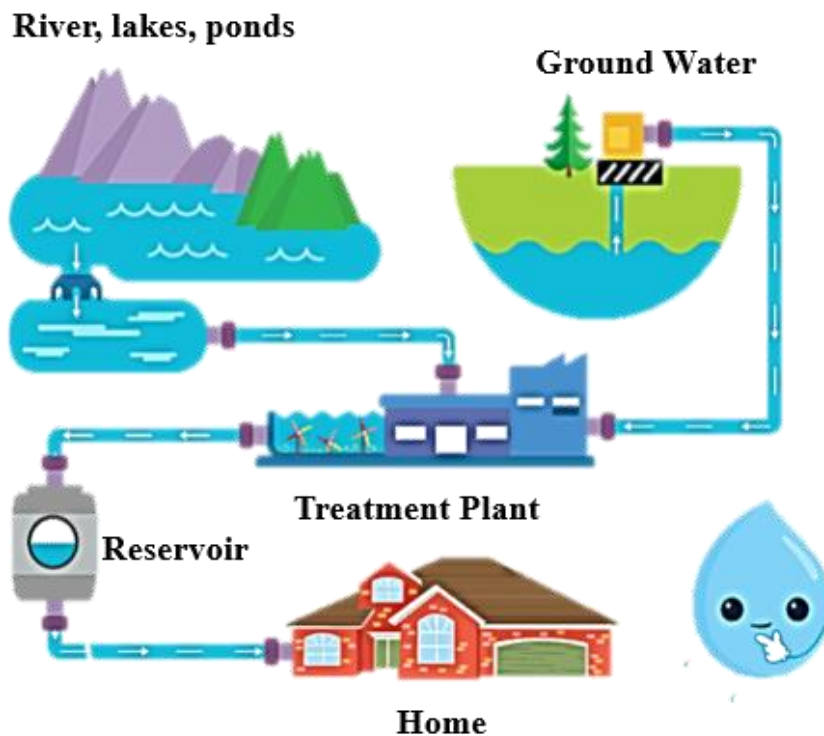
Water from Natural Source to Taps:

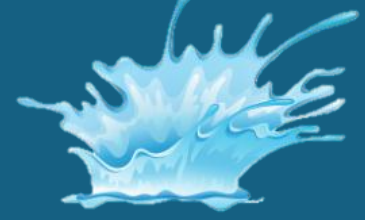
- Water starts its journey from rivers, lakes, or wells.
- Big pipes take water to a treatment plant to clean it.
- Smaller pipes carry clean water from the treatment plant to our taps.
- When we turn on a tap, clean water comes out for different purposes.

Related SLO

Students' Learning Outcomes

- Narrate how water gets from a natural source to the taps in their homes.





Purification of Water:

Water purification cleans water to make it safe to drink by removing dirt and germs




Methods of Water Purification:

Following are the methods which are used to clean water.

Related SLO

Students' Learning Outcomes

- Understand that boiling, filtering, etc. are methods of purifying water.

Boiling	Filtration	Chemical treatment
		
<p>Boiling water for 1-3 minutes will kill most harmful bacteria and viruses.</p>	<p>This method removes dirt, debris, and other particles from water.</p>	<p>This method uses chemicals like chlorine and iodine to kill harmful bacteria and viruses.</p>



Importance of Clean Water:

Clean water should be used for drinking and cooking because:

- It keeps us healthy by preventing sickness from germs and dirt.
- It makes our food taste good and keeps it safe to eat.
- Using clean water helps us stay strong and grow well.

Related SLO

Students' Learning Outcomes

- **Recognize that clean water should be used for drinking and cooking purposes.**



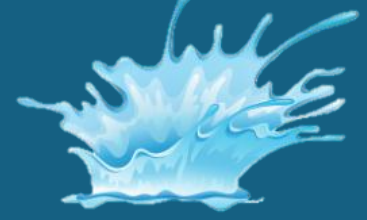
Shortage of Water:

Shortage of water happens when there is not enough clean water for everyone to use. It can occur because of too much use or not enough rain.

Related SLO

Students' Learning Outcomes

- **Recognize that some areas of Pakistan experience shortage of water.**



Areas of Pakistan Facing Water Shortage:

Some areas in Pakistan that commonly experience water shortages include parts of Sindh, Balochistan, and areas around Quetta and Karachi. These regions often face challenges due to insufficient rainfall and limited access to water resources.

