

Clean Water and Sanitation Learning Organiser – Year 6 Spring 1 – What human activity can happen without water?

Prior Learning (What we already know?)

We have learnt about the importance of water quality and quantity.

The consequences of water pollution on humans and the effects of water scarcity.

We know that there is a global unequal distribution of access to safe drinking water and sanitation facilities.

We have learnt about flood and drought risk management

We have learnt about effects of dirty water: poor health, increased hunger, poverty and lack of access to education.

We understand how water is used by humans in agriculture, industry, at home, recreationally and within

New Learning

To understand that water is part of many different complex global interrelationships and systems

To know about the global unequal distribution of access to safe drinking water and sanitation facilities.

To understand the concept of “virtual water”.

To understand the concept of Integrated Water Resources Management (IWRM) and other strategies for ensuring the availability and sustainable management of water and sanitation, including flood and drought risk management.

To understand water resources and utilisation by humans (agriculture, industrial, domestic, recreational, fisheries).

To understand safe disposal of wastewater, human excreta, solid waste

To understand household sanitation and food hygiene.

To have an understanding of water science – hydrology, the hydrologic cycle and connection to climate change

New Skills

To have the ability to interpret common representations, such as maps of waterways.

To be able to apply understanding of the structure of watersheds

To understand of the safe handling of drinking water.

To understand how water moves through environmental systems, interacts with other substances, dissolves and moves certain substances underground.

To understand the skills needed to adjust to ways water is used when facing adverse impacts on the hydrologic cycle related to climate change, particularly shortage in water supply.

To have the knowledge for positive impact on human health.

Key Questions

Where in the world do people suffer from not having access to safe drinking water and sanitation facilities?

How does not having access to clean water affect people's lives?

How is water made safe to drink?

What work is being done worldwide to enable all communities to have access to clean water?

Key Facts

3 in 10 people lack access to safely managed drinking water services and 6 in 10 people lack access to safely managed sanitation facilities.

Women and girls are responsible for water collection in 80 per cent of households without access to water on premises.

More than 80 per cent of wastewater resulting from human activities is discharged into rivers or sea without any pollution removal.

Floods and other water-related disasters account for 70 per cent of all deaths related to natural disasters.

Each day, nearly 1,000 children die due to preventable water and sanitation-related

Key Resources

<https://www.un.org/sustainabledevelopment/water-and-sanitation/>

<https://en.unesco.org/themes/education/sdgs/material/06>

<https://www.raisingglobalkidizens.com/un-sdg-picture-books-clean-water/>



Vocabulary.

Waterways, structure, watersheds, environmental systems, adverse impacts, hydrologic cycle, wastewater, agriculture, domestic, recreational, fisheries, interrelationships

Can I do this.....?

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