

**Why is Water so Valuable? – Knowledge Organiser Year 6 Spring 2**

Vocabulary		Access to clean fresh water across the world				Strategies for saving water at home	
<b>fresh water</b>	Water that is not salty.					Turning the tap off when you're not using it.	Wear clothes more than once before washing.
<b>water supply</b>	Water from lakes, rivers and reservoirs that is carried by pipes to homes and businesses for daily use.					Collect rainwater in a water tank to water your garden.	Use left over water from chores to water your plants.
<b>reservoir</b>	A large natural or artificial lake used as a source of water supply.					Only turning the dishwasher/washing machine on when it's full.	Taking shorter showers.
<b>ground water</b>	Underground water that is held in the soil and the rocks.					Use a short flush on the toilet.	Don't rinse your dishes before using the dishwasher.
<b>treated</b>	A process that removes harmful substances.	<p><b>The four threats to water supply are drought, pollution, agriculture and poor infrastructure.</b></p>				<p><b>Water sources in our area</b></p>	
<b>drought</b>	A long period of time during which no rain falls.						
<b>infrastructure</b>	The basic facilities such as transport, communication, power supplies and buildings which enable a country to function.	Drought	A long period of low rainfall that leads to a shortage of water.			<p><b>Key</b></p> <ul style="list-style-type: none"> <li>Groundwater source</li> <li>Reservoir</li> <li>River intake point</li> <li>River</li> </ul>	
<b>limited resource</b>	Something that is not available in unlimited supply.	Pollution	Poor management of wastewater means the drinking-water of hundreds of millions of people can make them seriously ill.				
<b>contamination</b>	When something is made impure of unclean.	Agriculture	Certain crops require a lot more water than traditional crops to grow so a significant proportion of water is allocated to agriculture.				
<b>water usage</b>	The amount of water that is used.	Poor Infrastructure	Poor facilities in some countries means that water supply is lost due to leaking pipes and storage tanks.				
<b>Important Facts</b>		<p><b>How much water do I use?</b></p>					
All living things need freshwater to survive. It is an essential resource.							
Although water covers about 70% of Earth's surface, only about 2.5% of water on Earth is fresh water.							
Of the fresh water available on Earth, about two thirds is frozen. This means less than 1% of it is available to use.							
Rainwater has been collected for thousands of years. It can be stored in dams, reservoirs and tanks.		Showers	Baths	Dishwasher	Washing machine		
		Watering Plants	Brushing your teeth	Washing up	Other		