

## Year 4: All Around Us

# 6 CLEAN WATER AND SANITATION



## Essential Learning

By the end of this term, you will have learned...

- What a solid, liquid and a gas is
- The properties of a solid, liquid and gas
- The water cycle and the science behind it
- Changes that happen to states of matter
- The affect people's behaviour has on the water cycle and environment
- To listen to inspirational speakers and environmental activists and create your own engaging speeches
- The United Nations development goals, in particular about the clean water and sanitation goals
- How to write a persuasive letter
- How to write a narrative about the water cycle
- How to write an autobiography and a biography

### Hook Day

Water experiments and water aid talk

#### Block 1 - Science

- Solids, liquids and gases
- States of matter and water cycle.
- Produce model of the water cycle.
- Write the words to go with the Ryhm of the Rain picture book.
- Focus on capital letters, full stops, scientific knowledge and does it make sense?
- Set up crystals in water - salt and water

#### Block 2

Effect people's behaviour has on the water and the effect water has on people.  
Plastic in the sea.  
Look at the speeches of Greta Thunberg and other inspirational environmental activists.  
Speech to encourage people to be more environmentally aware.

#### Block 3

Issues with water  
United nations development goals  
Water and sanitation  
Summit - debating/reasoning (first outcome)  
Write a persuasive letter to local MP about clean water and sanitation.

#### Block 4

- Autobiography
- What water is like in the UK
- Biography about people living with no water/bad water.
- Compare two countries

# Year 4: All Around Us / National Curriculum Links

<b>Science – States of Matter</b>		<b>Geography</b>	
<ul style="list-style-type: none"> <li>• Compare and group materials together, according to whether they are solids, liquids or gases</li> <li>• Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)</li> <li>• Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.</li> </ul>		<ul style="list-style-type: none"> <li>• Describe and understand key aspects of human geography, including: distribution of natural resources including water.</li> </ul>	
<b>Art</b>		<b>History</b>	
<ul style="list-style-type: none"> <li>• N/A</li> </ul>		<ul style="list-style-type: none"> <li>• N/A</li> </ul>	
<b>DT</b>		<b>Key vocabulary:</b>	
<ul style="list-style-type: none"> <li>• N/A</li> </ul>		<b>Science</b> – states of matter, precipitation, evaporation, condensation. <b>Geography</b> – distribution	
<b>Writing genres</b>		<b>Key texts</b>	
Writing to persuade: <ul style="list-style-type: none"> <li>- Letter writing</li> <li>- Speech</li> </ul> Writing to entertain: <ul style="list-style-type: none"> <li>- Autobiographies and biographies</li> <li>- Narrative</li> </ul>			