

Key Words:

Water Scarcity, Water Quality, Contamination, Diseases, Wells, Water Footprint

Aims and outcomes:

- To identify ways we use water in our daily lives
- To understand that not everyone has access to clean water
- To recall the two problems the world faces with its water – water scarcity & water quality
- To recall different solutions to the water crisis, and how individuals can help.

Curriculum links:

- **English:** 'learn the conventions of different types of writing (for example, the greeting in letters...)'
- **Science:** '...find out and describe the basic needs of animals, including humans, for survival (water, food, and air)'
- **Geography:** 'Describe and understand key aspects of: physical geography, including:... the water cycle... & human geography, including: types of settlement and land use...minerals and water'.

Lesson Plan 1: Why do we need water?

Key question	Activity	Timing
Why do we need water?	<ul style="list-style-type: none">• Read students the introduction section of the 'Clean Water and Sanitation' page.	5 min
	<ul style="list-style-type: none">• Split the class into groups of 4 or 5.	2 min
	<ul style="list-style-type: none">• Give each group an A3 sheet of paper. Each group should have a presenter and scribe. Ask students to work together to write down all the times throughout the day that they think they use water. Tell students that each group will receive 1 point for listing a process named on SuperKind and 5 points for coming up with one that is not listed.	10 min
	<ul style="list-style-type: none">• Ask each group to present their ideas to the class.	15 min
	<ul style="list-style-type: none">• On the interactive whiteboard, show the list of water uses on the 'Clean Water and Sanitation' section of the SuperKind website. Allow each group to total their points to find a winner.	10 min
	<ul style="list-style-type: none">• As a class, read through the rest of the 'Clean Water and Sanitation' section.	10 min
	<ul style="list-style-type: none">• Discuss Resource 1 (the water footprint graphic), including a couple of examples that the children had recognized, and a couple that they may not have.	10 min

Resources and materials:

- SuperKind website – 'Clean Water and Sanitation'
- Resource 1 - Water footprint graphic
- Interactive whiteboard, computers, tablets, or printouts to display website
- A3 sheets of paper
- Pens, pencils, highlighters, felt pens

Lesson Plan 2: What water problems do we face?

Key question	Activity	Timing
What water problems do we face?	<ul style="list-style-type: none"> Split the class into pairs and allocate each member of the pair a number (1 or 2). 	5 min
	<ul style="list-style-type: none"> Using computers or tablets, ask number 1's to read the section titled 'Water Scarcity' (follow all relevant links to read more), and number 2's to read the section titled 'Water Quality'. Ask students to consider the following questions, displayed on the whiteboard – 'What is water scarcity and what causes it' (for number 1's), and 'What is water quality? What are the risks of bad water quality and pollution?' (number 2's). Tell them that they will have 30 seconds to brief their partner on their findings after they have read the section. Suggest writing key words down to help. 	10 min
	<ul style="list-style-type: none"> Give number 1's 30 seconds to brief their partner on their findings, and 1 minute for any questions. 	2 min
	<ul style="list-style-type: none"> Give number 2's 30 seconds to brief their partner on their findings, and 1 minute for any questions. 	2 min
	<ul style="list-style-type: none"> Watch the video from 'A Day in the Life of Aysha'. Then, discuss as a class how water scarcity and water quality affected Aysha's life. 	8 min
	<ul style="list-style-type: none"> Read the 'Water scarcity and quality around the world' section as a class. 	5 min

Resources and materials:

- SuperKind website – 'Clean Water and Sanitation', 'The Problem'
- Interactive whiteboard, computers, tablets, or printouts to display website
- Pens/Pencils

Lesson Plan 3: What needs to be done to beat the water crisis?

Key question	Activity	Timing
What needs to be done to beat the water crisis?	<ul style="list-style-type: none">• Ask students to read the 'The Solution' section of the SuperKind website. Remind students that they do not need to watch the videos at this point.	<i>10 min</i>
	<ul style="list-style-type: none">• Ask students to close the SuperKind web page and use the interactive whiteboard to watch the three videos from 'The Solution' section as a class.	<i>6 min</i>
	<ul style="list-style-type: none">• Ask students to complete Worksheet 1 ('The Solutions to the Water Crisis Worksheet') as best they can. Tell them to answer as much as they can from memory in the first 5 minutes. They will then have a further 5 minutes to reference the website again.	<i>5 min</i>
	<ul style="list-style-type: none">• After the initial 5 minutes, allow students to look at the web page again to complete any remaining parts that they were unable to complete from memory.	<i>5 min</i>
	<ul style="list-style-type: none">• Mark the worksheet as a class, addressing any misconceptions students may have had.	<i>5 min</i>

Resources and materials:

- SuperKind website – 'Clean Water and Sanitation', 'The Solution'
- Interactive whiteboard, computers, tablets, or printouts to display website
- Worksheet 1
- Pens/Pencils

Lesson Plan 4: How can we help beat the water crisis?

Key question	Activity	Timing
How can we help beat the water crisis?	<ul style="list-style-type: none"> Read students the story of Mari Copeny (found on the 'Inspiration' page) and how her letter changed the world. If you have time, show students the 3-minute video of Mari. 	8 min
	<ul style="list-style-type: none"> Brief students on the task – they will be writing a letter to someone that they feel can help beat the water crisis. Give students 3 options of people to write to (this will make your posting job a lot easier!). For example: 1) The schools' local MP, 2) George Eustice (Minister for the Environment), 3) The school head teacher. As you give the 3 options, share with children who each person is, what they do, and why they might be able to help. Discuss what makes a good persuasive letter. 	15 min
	<ul style="list-style-type: none"> Encourage students to browse the 'Clean Water and Sanitation' page for ideas on what to include in their letter, including some facts and figures. 	10 min
	<ul style="list-style-type: none"> Signpost students to the SuperKind 'Write a Letter' toolkit and encourage them to use the template to help plan their letter. 	5 min
	<ul style="list-style-type: none"> Instruct students to write their letter, giving them regular reminders of how much time they have left. Remind pupils to continue to refer to their letter-writing template and their notes from the SuperKind website. 	20 min
	<ul style="list-style-type: none"> Nominate a student to write the address on a large A4 envelope for each addressee. Ask students to add their letters to the correct envelope. 	5 min

Resources and materials:

- SuperKind website – 'Clean Water and Sanitation', 'Take Action'
- SuperKind website – 'Write a Letter'
- SuperKind website – 'Mari Copeny'
- Resource 2 - Letter-Writing Template
- Interactive whiteboard, computers, tablets, or printouts to display website
- Letter paper
- Pens and pencils
- Envelopes and stamps

Clean Water and Sanitation: Lesson Plan Resources

Worksheet 1 – The solutions to the water crisis

Resource 1 – Water Footprint Graphic

Resource 2 – Letter-Writing Template

