

## Key Words:

Climate Change, Global warming, Weather, Extreme Weather, Heatwaves, Floods, Storms, Droughts, Fossil Fuels, Greenhouse Gases, Industrial Revolution

### **Aims and outcomes:**

- To recall the causes of climate change.
- To recall the effects of climate change.
- To understand and recall solutions to slow the rate of climate change.
- To understand the challenges in slowing the rate of climate change.

### **Curriculum links:**

- **Geography:** 'identify seasonal and daily weather patterns...' and 'interpret a range of sources of geographical information, including maps...'
- **English:** 'learn the conventions of different types of writing (for example, the greeting in letters, a diary written in the first person or the use of presentational devices such as numbering and headings in instructions)...'
- **Science:** 'observe changes across the four seasons...'

## Lesson Plan 1: Why has the climate changed?

Key question	Activity	Timing
Why has the climate changed?	<ul style="list-style-type: none"><li>• Read students the introduction section of the 'Climate Action' page.</li></ul>	5 min
	<ul style="list-style-type: none"><li>• Nominate a student to read the green introduction box underneath 'The Problem' aloud to the class.</li></ul>	3 min
	<ul style="list-style-type: none"><li>• Ask students to read the 'Why has climate changed?' section individually. Ask students not to watch the video at this stage. You may wish to show students the video on the interactive whiteboard when everyone has finished reading, but it is not essential.</li></ul>	10 min + optional 3 min for video
	<ul style="list-style-type: none"><li>• Ask students to close the SuperKind website and complete Worksheet 1 ('Why has the climate changed?').</li></ul>	5 min
	<ul style="list-style-type: none"><li>• Ask students to swap their worksheet with the person next to them and mark as a class, discussing any misconceptions.</li></ul>	10 min

### Resources and materials:

- SuperKind website – 'Climate Action', 'The Problem'
- Interactive whiteboard, computers, tablets, or printouts to display website
- Worksheet 1
- Pens/Pencils

## Lesson Plan 2: What are the effects of climate change?

Key question	Activity	Timing
<b>What are the effects of climate change?</b>	<ul style="list-style-type: none"><li>Nominate a student to read the introduction between 'Effects of Climate Change' and 'Poor Health'.</li></ul>	<i>3 min</i>
	<ul style="list-style-type: none"><li>Split the class into 5 groups.</li></ul>	<i>2 min</i>
	<ul style="list-style-type: none"><li>Allocate each group one of the effects of climate change. These are 'Poor Health', 'Food Becoming Scarce', 'People Losing Their Homes and Livelihoods', 'Unhealthy Ecosystems' and 'Struggling Economies'.</li></ul>	<i>2 min</i>
	<ul style="list-style-type: none"><li>Ask students to use the SuperKind website to work together within their group to plan a short play (5 minutes maximum) in which they will act out their allocated effect of climate change. They may wish to nominate a narrator to set the scene. Remind students that they do not need to watch the videos.</li></ul>	<i>20 min</i>
	<ul style="list-style-type: none"><li>Ask each group to present their short play to the class. Invite the class to ask the presenting group any questions.</li></ul>	<i>30 min</i>

### Resources and materials:

- SuperKind website – 'Climate Action', 'The Problem'
- Interactive whiteboard, computers, tablets, or printouts to display website
- Paper
- Pens/Pencils

## Lesson Plan 3: What needs to be done in response to climate change?

Key question	Activity	Timing
<b>What needs to be done in response to climate change?</b>	<ul style="list-style-type: none"> <li>Nominate a student to read the introduction between 'The Solution' and '1. Coping with Climate Change'.</li> </ul>	<i>3 min</i>
	<ul style="list-style-type: none"> <li>Ask students to read the first two sections of the 'Solution' section ('1. Coping with Climate Change' and '2. Get Everyone to Change Their Behaviour').</li> </ul>	<i>10 min</i>
	<ul style="list-style-type: none"> <li>Ask students to close the SuperKind website and complete Worksheet 2 ('Solutions to Climate Change').</li> </ul>	<i>10 min</i>
	<ul style="list-style-type: none"> <li>Ask students to swap their worksheet with the person next to them and mark as a class, discussing any misconceptions.</li> </ul>	<i>10 min</i>

### Resources and materials:

- SuperKind website – 'Climate Action', 'The Solution'
- Interactive whiteboard, computers, tablets, or printouts to display website
- Worksheet 2
- Pens/Pencils

## Lesson Plan 4: Why has it been so hard to tackle climate change? What can be done about this?

Key question	Activity	Timing
<b>Why has it been so hard to tackle climate change? What can be done about this?</b>	<ul style="list-style-type: none"> <li>Read section 3 ('3. Why has it been so hard to tackle climate change?') and the first part of section 4 ('4. How to make these changes happen?') as a class, asking a different student to read each paragraph aloud.</li> </ul>	<i>10 min</i>
	<ul style="list-style-type: none"> <li>Split the class into 4 groups.</li> </ul>	<i>2 min</i>
	<ul style="list-style-type: none"> <li>Allocate each group one of the ways that governments can make it easier for businesses and people to change their behaviour. These are 'Taxes and Charges', 'Subsidies and Incentives', 'Education' and 'Making companies publish reports on how environmentally friendly they are'.</li> </ul>	<i>5 min</i>
	<ul style="list-style-type: none"> <li>Ask students to use the SuperKind website to learn about their allocated tool to stipulate behaviour change. Each group should nominate a presenter to teach their findings to the rest of the class.</li> </ul>	<i>10 min</i>
	<ul style="list-style-type: none"> <li>Ask each group to present their findings to the class. Invite the class to ask the presenting group any questions.</li> </ul>	<i>15 min</i>

### Resources and materials:

- SuperKind website – 'Climate Action', 'The Solution'
- Interactive whiteboard, computers, tablets, or printouts to display website

## Lesson Plan 5: What can we do to tackle climate change?

Key question	Activity	Timing
<b>What can we do to tackle climate change?</b>	<ul style="list-style-type: none"><li>Inform the class that you are going to be making climate pledges. Hand out a print-out of the Resource 1 ('Climate Pledge Template') to each student.</li></ul>	5 min
	<ul style="list-style-type: none"><li>Ask students to come up with a climate pledge for the academic term. You could provide a couple examples such as walking to school, having a meat-free day of the week, drinking oat milk instead of cows milk, and only buying second-hand clothes. Instruct students to complete the pledge. If they have time they may wish to add drawings to it and decorate it to make it their own.</li></ul>	15 min
	<ul style="list-style-type: none"><li>At the end of the class, collect all the pledges and pin them on a wall so students are reminded of their pledges daily.</li></ul>	5 min
	<ul style="list-style-type: none"><li>At the end of term, revisit the pledges, start a class discussion where students can discuss whether they achieved their pledge, what went well, and what perhaps did not go so well. Then, using their peers as inspiration, they can set themselves another pledge for the following term.</li></ul>	25 min

### Resources and materials:

- SuperKind website – 'Climate Action', 'Take Action'
- Resource 1 - Climate Pledge Template
- Pens/Pencils
- Interactive whiteboard, computers, tablets, or printouts to display website

# Climate Action: Lesson Plan Resources

**Worksheet 1** – Why has the Climate Changed?

**Worksheet 2** – Solutions to Climate Change

**Resource 1** – Climate Pledge Template