



WORKING TOGETHER
TO INSPIRE YOUNG
PEOPLE TO SPEAK
OUT FOR OUR PLANET



Understanding Climate Change (Short Assembly)

Lesson Plan

Assembly		Length: 20 minutes
Objectives: <ul style="list-style-type: none"> • Understand the difference between climate and weather • Understand the effects of climate change • Understand human contribution to climate change • Identify solutions to reduce individual contributions to climate change 		Outline: <ul style="list-style-type: none"> • Description of climate change, its causes and effects. • Explore some of the human contributions to climate change • Explore solutions to reduce the human contributions • Look at individual responsibility
Materials: None		
Timing: Please be aware that the timings are guidelines, you can choose to spend more time on specific areas if you wish. (Estimate time: 20 minutes) min= minute/sec=seconds		
Lesson Plan:		
Slide	Time	Activities
1	15 sec	Introduce the form time activity using the outline above.
2	1 min	Play video – an introduction to WWF https://vimeo.com/385956974/3b274d03d5
3	15 sec	Introduction to Shout Out UK
4	30 sec	State what is happening in each photo. (<i>Flooding, drought, forest fires, melting ice caps</i>) Ask what could be causing these changes in the environment? (<i>Climate change</i>) <i>Further Notes.</i> <i>These weather events occur naturally but climate change is making them more extreme in terms of frequency and ferocity. This has impacts on livelihoods, landscapes and nature.</i>
5	3 min	Ask if anyone knows what is meant by climate change. <ul style="list-style-type: none"> • <i>Climate change is a long-term shift in global or regional climate patterns.</i> • <i>Global warming refers specifically to the rise in global temperatures that leads to climate change.</i>
6	4 min	Play the animation video. The animation addresses many common climate change myths. You can access the Myth Busting video here: https://vimeo.com/424755522/1485ec2701
7	30 sec	There are 2 things students can focus on to help combat climate change. Read slide.
8	30 sec	Read slide. If time allows: Ask students why this could be a problem.
9	30 sec	Read slide.



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		<p><i>Further Notes.</i></p> <p><i>A huge 91% of plastic is not recycled - much of this ends up on landfill sites - this can take up to 1,000 years to decompose!</i></p>
10	30 sec	<p>Read out any examples not already covered. Not <i>just</i> about plastic!</p> <p>Other examples:</p> <p>Ditching plastic straws / Use beeswax wrap rather than cling wrap</p> <p>Use plastic-free tea bags / Host a clothes swap</p>
11	30 sec (2 min if time permits)	<p>If time is limited, refer to slide and make the point about choosing sustainable products.</p> <p>Case study: Choosing sustainable products.</p> <ol style="list-style-type: none">1. If time allows: ask students to show hands if they own a pair of airpods. What do they think the environmental impacts of these are?2. Introduce them to the following facts about how airpods are a disaster for the environment:<ol style="list-style-type: none">a. They can't be easily recycled, because there is no safe way to separate the lithium-ion battery from the plastic shell.b. They can't be repaired because they are glued together.3. Now compare them to the sustainable headphones on the slide (Liberate Air, produced by The House of Marley). Rhetorical question: Would students be willing to make the swap to the more sustainable option?
12	1 min	<p>Read slide.</p> <p>If time allows: Ask students why this could be a problem.</p>
13	30 sec	<p>Examples are given.</p> <p><i>Further Notes.</i></p> <p><i>When food is disposed of in a landfill it rots and becomes a significant source of methane, a greenhouse gas.</i></p> <p>If time allows: Ask students what they could do to help solve this problem.</p>
14	1 min	<p>Read out any examples not already covered.</p> <p><i>Further Notes.</i></p> <p><i>Giki app: The Giki app explores the environmental impact of their UK supermarket products to help them make more informed choices when buying food -</i></p> <p>https://www.wwf.org.uk/updates/palm-your-hands</p>
15	1 min	<p>Read slide.</p> <p>If time allows: Ask students why this could be a problem.</p> <p>Energy waste: Ask students for examples of energy use in their daily lives: examples include charging phones, tablets and laptops; watching tv; playing video games; cooking; their journey to schools; taking a shower.</p>
16	1 min	<p>Examples are given.</p> <p>Ask students what they could do to help solve this problem.</p>
17	1 min	<p>Read out any examples not already covered.</p> <p><i>Further Notes.</i></p> <ul style="list-style-type: none">• <i>Turn off appliances - This reduces electricity consumption.</i>



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SHOUT OUT UK
THE VOICE OF THE NEXT GENERATION

		<ul style="list-style-type: none">• <i>Take shorter showers - cutting down the time you take in the shower will reduce the amount of energy needed to heat the water, as well as contributing to water conservation.</i>• <i>Public transport – reduces fuel consumption and amount of greenhouse gasses emitted from exhaust fumes.</i>
18	1 min	Watch Fight for your world advert. You can access here: https://www.youtube.com/watch?v=pBmLPcvTUHw&feature=youtu.be
19	1 min	Finish by reading out this question and asking students to go away and think about what they can do in their own lives. If time allows: Ask students to share ideas.