

Science Enrichment Day - Tuesday, June 20th 2017
Broadway Site

Question: What is this thing about climate change?
Do we need to do anything?



**This image will be the classroom critical discussion prompt*

Websites to reference:

<https://climate.nasa.gov/>

<https://climate.nasa.gov/evidence/>

<https://www.worldwildlife.org/>

Key legislation to read:

http://unfccc.int/paris_agreement/items/9485.php

https://ec.europa.eu/clima/policies/international/negotiations/paris_en

Experiments/lessons:

<https://climatekids.nasa.gov/menu/teach/>

<http://bpes.bp.com/>

<http://www.oxfam.org.uk/education/resources/climate-challenge-7-11> (these have excellent lessons)

Possible enquiries/critical questions to be asked:

- What is climate change doing to our planet?
- Is climate change occurring?
- What can we do to alleviate climate change?
- What's the difference between climate change and global warming?
- What's the difference between weather and climate?
- Is the sun causing global warming?
- Is it too late to prevent climate change?
- Is the ozone hole causing climate change?
- Do scientists agree on climate change?
- What is the greenhouse effect?
- How does climate change affect humans?

Climate Change Theme			
<p>Year 3</p>	<p>Climate change assembly: 8.50-9.10am</p>	<p>Critical discussion prompt:</p>  <p>Language discussion promptt</p>	<p>Classroom activities for the day</p> <p>Half day - due to trips and PE Climate change and endangered species. Mosaic of an endangered species (using recycled materials)</p>
<p>Year 4</p>	<p>Climate change assembly: 8.50-9.10am</p>	<p>Critical discussion prompt:</p> 	<p>Classroom activities for the day</p> <ul style="list-style-type: none"> ● 4SM - Arctic collage. ● 4AS - ideo that will promote discussion , debate and acquiring

		<p>Language discussion prompts</p>	<p>of new knowledge. We will then play a game called Globingo (or 'Find Someone Who ...') which will energise and engage learners. It stresses the the degree to which we are all globally interconnected</p> <ul style="list-style-type: none"> ● 4SZ - Critical Discussion - Court Case. ● 4EG - Water Rises Experiment.
<p>Year 5</p>	<p><i>Climate change assembly: 9.15am-9.35am</i></p>	<p>Critical discussion prompt:</p>  <p>Language discussion prompts</p>	<p>Classroom activities for the day</p> <p>Before science fair: 'What do we already know?' session.</p> <p>NS- art</p> <p>GH and KL swap lessons. 1:20-2:10- KL- Piece of drama role playing a polar bear in a courtroom. Why is the bear there? What are the issues to be raised? Why and how is the habitat being affected? What can be done to protect the species further?</p> <p>2:10-2:45</p>
<p>Year 6</p>	<p><i>Climate change assembly: 9.15am-9.35am</i></p>	<p>Critical discussion prompt:</p>  <p>Language discussion prompts</p>	<p>Classroom activities for the day</p> <p>Year 6 pupils in classes until break time preparing the Sea Change Experiment, make island, trees, animals and house to go on top add ice and water by break time. Two climate change games to play for those who finish.</p> <p>11am to lunch English as usual</p> <p>Afternoon: Monitor Sea Level Change</p>

			<p>Experiment. Measure water level. Whilst ice is melting have a class debate/critical discussion about whether banning all petrol/diesel vehicles from London would be beneficial - divide class into two teams to debate the issue. At end of the afternoon measure water levels. Discuss what happened and what the impact will be.</p>
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Science Fair Viewing times (some classes will have to double up)

10.00 am	4SM
10.15 am	6LY, 6CW
10.30 am	6KW
10.45 am	3DH, 3JW
11.00 am	
11.15 am	4AS
11.30 am	4SZ
11.45 am	4EG