



Lesson: Climate Action - The Evidence



ACTIVITY OUTLINE



The lesson develops skills in evaluating evidence and using it to build a reasoned scientific argument. The evidence is supplied and could be used as whole sheets or cut into individual cards which would make it easier for students to consider each piece separately.

The sources of the data (including an explanation of the IPCC see card 1) the concept of vested interests and the inherent uncertainty in all evidence can be explored.

Students work in groups to discuss the evidence which strongly supports the position of the IPCC that climate change is largely attributable to increased greenhouse gas levels due to human activity.

Students use the writing from to build a coherent argument, this could be done in several stages with peer review of the first draft.



CURRICULUM OUTCOMES



Learning objectives:

Working scientifically, Students will:

Understand that the scientific consensus about global warming and climate change is based on systematic reviews of thousands of peer reviewed publications.

Explain why evidence is uncertain or incomplete in a complex context.



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GLOBAL LEARNING OUTCOMES



CLIMATE ACTION



Students know what the Intergovernmental Panel on Climate Change is and can discuss some recent findings

Students can explain that human actions such as burning fossil fuels are causing today's climate change

SMSC / British Values - Understanding of the consequences of their behaviour and actions

Action

Watch Climate Change: The Facts

<https://vimeo.com/332992998>



Combine this information with your learning from class to create an infographic poster to display in your school to teach others about the evidence of climate change.



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