

Climate Change

Geography KS2



Climate Change

Geography

Key Stage 2

Learning Objectives:

This lesson has been written by the Geographical Association on this most important subject. Pupils will understand the difference between weather and climate. They will learn about the causes of climate change, the potential consequences and what steps we can all take. This lesson will inspire pupils with a curiosity and fascination about the wider world.

Keywords

Weather. Climate. Temperate Climate. Atmosphere. Radiation. Carbon dioxide. Nitrous oxide. Greenhouse gases. Fossil fuels. Methane. Carbon footprint. Pollution. Consumer. Producer.
These can also be found at the end of this PDF.

Weather

Climate

**Temperate
Climate**



PowerPoint presentation

The accompanying PowerPoint presentation has 49 slides, providing a comprehensive picture of the causes of climate change and potential consequences. You may wish to split it up into more than one lesson. The PowerPoint offers regular opportunities for classroom discussion.

Following the lesson, you may wish to set the children tasks or activities pertinent to your school and locality.

- Perhaps the classes could prepare a presentation or poster of what steps their class, school or community could take.
- Or they could take a more global approach and debate what governments and nations should do?

The slides are presented as follows:

- Slides 1 and 2 introduce subject and learning outcomes.
- Slides 3 to 5 explain weather.
- Slides 6 to 9 explain climate.
- Slides 10 to 14 explain the role of the Earth's atmosphere and the greenhouse effect
- Slides 15 to 18 introduces climate change
- Slides 19 to 22 discuss our carbon footprint
- Slides 23 to 28 talk about human's influence or 'anthropogenic climate change'
- Slides 29 to 39 explain the effects of a rise by a further 1 or 2 degrees.
- Slides 41 to 45 to look at who is responsible
- Slides 46 to 48 look at what we can do
- Slide 49 has a selection of useful links, which informed the PowerPoint

You may wish to create a final slide, based upon the follow-up activity you have chosen as most appropriate for your class.



Climate Change KS2: Keywords Flashcards



Weather

Climate

**Temperate
climate**

Atmosphere

Radiation

**Carbon
dioxide**





**Nitrous
oxide**

**Greenhouse
gases**

**Fossil
fuels**

Methane

**Carbon
footprint**

Pollution

Consumer

Producer



Weather



climate



Temperate climate



Atmosphere



Radiation



Carbon dioxide



Nitrous oxide



Greenhouse gases



Fossil fuels



Methane



Carbon footprint



Pollution



Consumer



Producer

