

Introducing Climate Change: Past, Present, and Future

Activity 4: Climate change – the missing words

Ages: 10+

Aim

To reinforce pupils' understanding of climate change and to provide an individual record.

You will need

A copy of the worksheet 'Climate chaos – fill in the missing words' for each pupil. (See below)

What to do

Hand out the worksheets and ask the pupils to complete them. When they have completed them, it might be helpful to go through the answers to make sure everyone has understood.

Activity 4 Worksheet: Climate Chaos – the missing words

Fossil fuels such as gas, oil and coal contain _____ from plants and animals that died millions of years ago. When we burn fossil fuels to heat our homes or drive our cars, _____ is released.

Carbon dioxide is a _____, which traps heat in the Earth's atmosphere. This has always happened and helps to keep the Earth warm enough to _____ on. But we are now using more and more fossil fuel _____ to power machines in the factories that make all the new things we buy, for _____ to work and school and on holiday, and to provide energy for our DVDs, _____ and tumble driers.

This means the blanket of greenhouse gases around the _____ is getting thicker and the climate is getting hotter. This will mean more droughts, floods and storms. It could become harder to _____ enough food. 20 – 30% of plant and animal species could become _____. The sea level could _____ by 40 centimetres, because the water in the oceans expands as it gets warmer and the ice caps are _____.

If governments, businesses and individual people work together to use less _____, we can slow down climate change.

Use the words below to fill the spaces:

rise greenhouse gas extinct energy melting carbon
Earth refrigerators live carbon dioxide fossil fuels transport grow

Source: Adapted from a Defra website.