

Topic Vocabulary

Atmosphere — The layer of gases around the Earth that we live in.

Carbon dioxide — A gas that people and animals breathe out, and which is also released by burning fuels.

Greenhouse effect — The warming of the Earth caused by gases trapping heat in the atmosphere.

Pollution — Harmful things that make the air, water, or land dirty.

Recycle — turning waste into new materials or objects.

Reduce — to make something less in size or amount.

Reuse — to use something more than once.



Climate Facts to Learn

- We can reduce the amount of harmful emissions that are produced if we recycle or reuse different materials helping the environment.
- Recycling saves energy because we don't have to use a lot of new materials.
- The more we recycle, the less waste ends up as landfill.
- Climate change describes the process of our planet heating up. There are lots of reasons for climate change, such as greenhouse gas emissions.
- Climate change contributes to extreme weather and the changes in weather we see happening in the world.

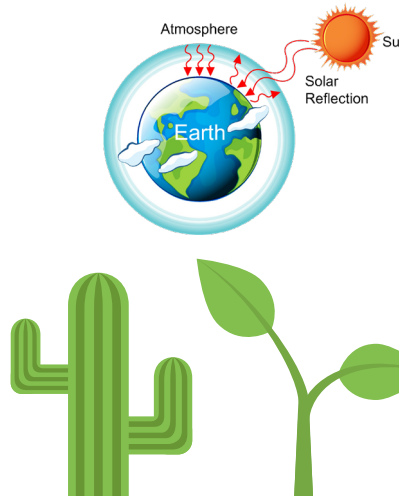
Climate Curriculum Spring Home-Learning for Year 3 - Our Community -



Home-Learning Challenge

- Make a poster to show the main types of greenhouse gases.
- Draw, label or colour in a map to show different climates around the world.
- Make a model to show the different types of plants and animals that live in a specific climate.
- Research different types of pollution that make the land, sea and air dirty.
- Think of your own pledge to show how you can help to look after the planet.

The Greenhouse Effect



Useful Websites



BBC Bitesize – Explore weather and climate

https://www.bbc.co.uk/bitesize/articles/z7dkhb_k#zpnmbk

BBC Bitesize – What is climate change?

<https://www.bbc.co.uk/bitesize/articles/z4g3f82#zssjwnb>

National Geographic Kids – What is climate change? -

<https://www.natgeokids.com/uk/discover/geography/general-geography/what-is-climate-change>

NASA Climate Kids – Meet the greenhouse gases

<https://climatekids.nasa.gov/greenhouse-cards>