



Topic Vocabulary

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

Coal — A black rock that can be burned for energy.

Fossil fuels — Energy sources like coal, oil, and gas that come from ancient plants and animals.

Gas — A fuel that can be burned for energy, often used for heating and cooking.

Greenhouse emissions — Gases released into the air that trap heat and warm the Earth.

Human activity — Things people do that affect the world around them.

Non-renewable — Something that can run out because it cannot be replaced quickly, like fossil fuels.

Oil — A non-renewable thick liquid that is used to make fuel and other products.

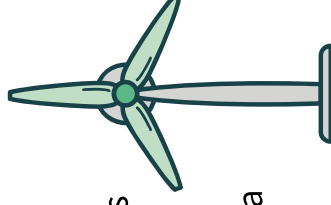
Renewable energy — Energy from sources that can be used over and over, like sunlight and wind.

Sustainable — Something that can be used without running out or harming the environment.



Climate Facts to Learn

- Fossil fuels are coal, oil or natural gas that are formed from fossils. This process happens over millions of years.
- Fossil fuels are used day-to-day to fuel our vehicles and provide us with energy and electricity.
- Renewable energy comes from nonfinite sources within the environment that cannot run out and include sunlight, wind, and waves.
- Renewable energy is increasingly being used as a sustainable alternative to fossil fuels.

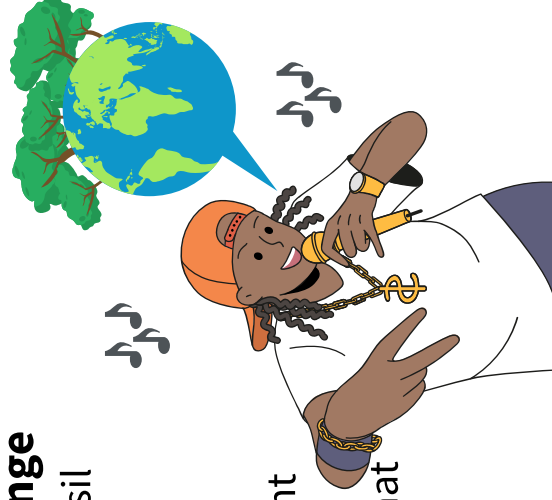


Climate Curriculum Autumn Home-Learning for Year 4



Home-Learning Challenge

- Make a poster/model to explain what fossil fuels are.
- Find out how to be more sustainable at home and at school.
- Create a pledge to share what is important to you.
- Write your own rap or poem based on what you have learned about climate change.



Useful Websites



UK Weather

<https://www.bbc.co.uk/bitesize/topics/zc68h4j/articles/zhrdwnb>

Fossil Fuels

<https://www.bbc.co.uk/bitesize/topics/zkhwk7/articles/zff4kty>

<https://kids.earth.org/climate-change/fossil-fuels-explained-to-kids/>

Sustainability

<https://www.bbc.co.uk/bitesize/topics/zkhwk7/articles/zff4kty>

-What is climate change?

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