

Topic Vocabulary

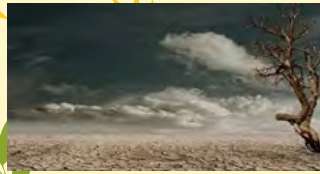
Droughts – Long periods with little or no rain, making the land very dry.

Extreme weather – Very dangerous or unusual weather, like storms or heatwaves.

Forest fires – Large fires that spread quickly through trees and plants.

Greenhouse gases – Gases in the air that trap heat from the sun, like carbon dioxide and methane.

Hurricanes – Powerful storms with strong winds and heavy rain that form over the ocean.



Climate Facts to Learn

- All of the extra heat energy trapped in our atmosphere, as the result of greenhouse gases from human activity, is causing major changes to our climate and producing more extreme weather.
- Areas of the world that were already hot are getting even hotter and drier, increasing the chances of heatwaves, droughts and forest fires.
- The extra heat is also causing more water to evaporate from our oceans to form clouds, so areas that were already wet are getting even wetter.
- This increases the chances of other types of extreme weather, such as storms, hurricanes and floods.
- In the oceans, the extra heat is not only making it harder for sea creatures to survive, but it is also causing ocean water to expand, leading to rises in sea levels.
- Extreme weather and rising seas are already affecting many parts of the world, destroying the homes of humans and animals.
- Changes in climate are also impacting our ability to grow food crops and to access clean drinking water and increasing the spread of diseases.

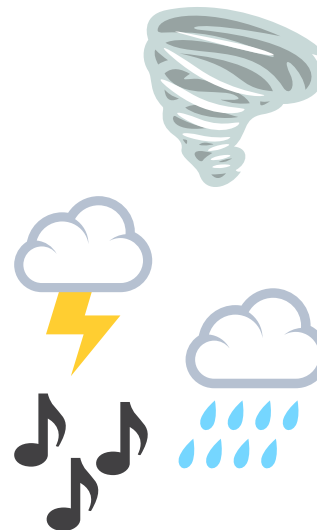
Climate Curriculum Summer Home-Learning for Y 5



Home-Learning Challenge



- Record a podcast about climate change and extreme weather
- Write a manifesto outlining actions you will take against climate change
- Create a song or rap about climate change
- Invent a superhero that saves the trees and write a short story or comic strip about how they stop deforestation.
- Create a climate action plan with 5 things you will do to help the environment.



Useful Websites

Causes of climate change

<https://www.bbc.co.uk/bitesize/articles/z4g3f82#z8csn9q>

Sustainable Farming

<https://youtu.be/k9HKTGqn0Gk?si=O6vP7NAhR1AnUljr>

Extreme weather and climate change

<https://www.youtube.com/watch?v=-lFasESe42A>

How can we look after our environment

<https://www.bbc.co.uk/bitesize/articles/zxdsn9q#zchk96f>