

Climate Change

Measure your Carbon Footprint

BACKGROUND

For Wales Climate Week 2025, the learners have been learning about climate change and how it relates to different parts of our lives including the things we can do to reduce emissions and help nature.

For Climate Change, they have learned:

- What a greenhouse gas is.
- Where greenhouse gases come from.
- Their effect on the atmosphere and our world.

Greenhouse gases occur from everyday activities such as driving, heating our homes, powering appliances producing waste and manufacturing products. To address climate change, action is being taken locally and around the world to reduce greenhouse gas emissions, and everyone is encouraged to do what they can to help.

The first step of action is to understand your carbon footprint. Download the WWF My Footprint App at home and answer a few questions to reveal your carbon footprint and where your emissions come from.

The App has some great features including setting easy to access challenges to reduce carbon emissions and help the environment. There are also plenty of other resources helping to learn more about our world and work towards making it a better place.

In the App Store or Google Play, search for "[WWF My Footprint](#)" and download the app. Once you understand your footprint, use the app to find actions you can do to be more sustainable.



LINKS & RESOURCES

Once you have committed to some actions, whether big or small, tell Flintshire County Council's Climate Change Team by submitting a [pledge today](#).

After that, get to action and spend some time exploring Flintshire County Council's [Climate Change](#) page and Welsh Government's [Climate Action Wales](#) page.

Below are some common climate-related definitions.

Term	Definition
Greenhouse Gas	A gas that can trap and emit the infrared heat reflected by the earth's surface when it is heated by the sun.
Carbon Dioxide	The greenhouse gas most responsible for human-caused global warming as a result of burning fossil fuels.
Climate Change	It is the long-term shift in the Earth's average temperatures and weather conditions.
Paris Climate Agreement	A United Nations global agreement of 195 parties to limit global warming. This was agreed and signed in Paris in 2015.
Net Zero	Net zero is the point at which the number of greenhouse gases being emitted into the atmosphere is equal to the greenhouse gases that are being taken out by nature and carbon capture.
Pre-Industrial Levels	This is a term used when comparing emissions and temperatures to the past in order to measure change. Pre-Industrial usually refers to the late 1800s.