

THEME: Biodiversity

BACKGROUND

This session aims to explore key areas of Biodiversity including what is biodiversity, importance of biodiversity, biodiversity loss, how biodiversity and climate are linked and how we can help.

By the end of the day children should be able to:

- Understand the term 'biodiversity', why it's important and how it can help us.
- Understand how biodiversity and climate are linked.
- Understand the threats to biodiversity and how school grounds can support local wildlife and biodiversity.
- Know how to make a difference by making spaces more nature friendly.
- Enthused to share what they have learnt with others to spread the message.

Useful terms

Term	Definition
Biodiversity	The abundance of different species living in one area.
Ecosystem	A community and the habitat in which organisms live.
Species	The basic unit of classification. Individuals of the same species can exchange genes or interbreed successfully. Cats, dogs, humans and horses are examples of different species.
Climate change	Climate change means that the Earth's usual weather is changing over time. This can happen because people burn fuels like coal, oil, and gas, which release gases into the air. These gases trap heat, making the planet warmer.
Habitat	The place where an organism lives.
Extinct	No longer existing.
Native species	A native species is defined as one that arrived naturally in Britain and Ireland since the end of the last glaciation (i.e. without the assistance of humans) or one that was already present (i.e. it persisted during the last Ice Age).
Invasive /non-native species	Non-native species are plants and animals living in areas where they do not naturally exist.

Links & Resources

Background and definitions:

- [BBC Bitesize Biodiversity and Ecology](#)
- [Wildlife gardening](#)

Links to Flintshire resources

- [Flintshire County Council Website](#)
- [Nature in Flintshire](#)
- [Supporting Nature in Flintshire Plan](#)
- [Orchard management](#)
- [Flintshire in flower leaflet](#)
- [Trees in Flintshire leaflet](#)

Links to Bionet, the local nature partnership for North-East Wales

- [Bionet website](#)
- [Bee friendly resources](#)