**Vocabulary**

**Environment –** The environment includes everything living and everything non-living

**Protect –** The act of keeping something safe from harm or the condition of being protected.

**Sustainability –** Sustainability is about small changes we can make to help look after the planet.

**Wildlife –** Wild animals living in their natural environment.

**Pollination –** transferring pollen grains from the male anther of a flower to the female stigma.

**Colony –** a group of bees living together

**Habitat –** an environment where organisms have everything they need to thrive.

**Conservation** - The protection of natural wildlife, habitats, and ecosystems, to ensure their continued existence for future generations.

**Biodiversity** - The variety of life forms in a particular habitat or ecosystem.

**Endangered** – When animals are at risk of extinction due to various factors such as habitat loss, pollution, and climate change.

**Ecosystem** - A community of organisms interacting with each other and their physical environment, forming a complex web of relationships and dependencies.

**Interesting Facts**

* **Hedgehogs** are nocturnal animals and only come out at night!
* **Bees** do a dance to show the other bees where the flowers are!
* **Foxes** are incredibly adaptable animals and can thrive In various environments including forests, mountains and urban areas.
* **Robins** where most birds will migrate during the colder months robins will remain In their territories all year, even In colder climates.

Topic overview

In this geography and science topic, year 1 children will learn about the wonderful world of bees and hedgehogs. We will be exploring our local environment and considering the impact of the seasons on our local wildlife.





**Key Concepts**

**Science**

* Biodiversity and Ecosystems.
* Food Chains.
* Climate Change and Wildlife.
* Habitats and Microhabitats.
* Identifying local wildlife.

**Geography**

* Fieldwork and Mapping Skills.
* Nature Reserves and Protected Areas.
* Best Locations for Hedgehog and Bee homes.
* Habitat restoration.
* How to help our local wildlife thrive.

**Key People**

**David Attenborough –** Famous scientist and conservationist.

**Andrew Ellis –** The hedgehog man from Birchwood Hedgehog Rescue, devotes his time to caring for poorly hedgehogs.





