Amazing Earth

Year: 6
Term: Spring 1

Background Information

During Spring 1, children in Year 6 will be learning about our amazing planet. Throughout the topic, we will be exploring how animals and plants are classified into different groups and how humans impact the natural world. We will also be investigating the microscopic world around us by looking at the conditions required for micro-organisms to flourish. In our geography lessons, we will learning about different biomes of the world and how they support a variety of living things. Our art work will be focused on the use of collage and we will be using this to create beautiful interpretations of physical geography and imaginative creatures.

Key Vocabulary

Word	Meaning
Classification	The arrangement of animals and plants into groups.
Vertebrates	A group of animals that have a backbone or spinal column.
Invertebrates	An animal lacking a backbone.
Micro-organisms	A simple life form that can only be viewed through a microscope.
Biomes	A large naturally occurring habitat.
Climate zones	Areas with distinct climates such as polar zones.
Latitude and longitude	Latitude and longitude are angles that define points on a sphere.
Human Geography	Human activity that affects the earth's surface.
Physical Geography	Natural science which deals with the study of natural features.

Killer Facts!

- Living things can be classified into vertebrates and invertebrate groups.
- Vertebrate groups are:
  ⇒ Birds
  ⇒ Mammals
  ⇒ Fish
  ⇒ Reptiles
- Invertebrate groups are:
  ⇒ Insects
  ⇒ Spiders
  ⇒ Snails
  ⇒ Worms
- Although the system of classification continues to be modified, Carolus Linnaeus, a Swedish plant scientist, is generally credited with inventing the current system.
- The world has seven biomes:
  ⇒ Aquatic
  ⇒ Wetlands
  ⇒ Temperate
  ⇒ Tropical
  ⇒ Mountains
  ⇒ Grasslands
  ⇒ Deserts
  ⇒ Polar