

Geography

Why and how are biomes changing over time?

What conclusions can you draw from data about the environment?

Science

Why are classification keys important?

What comparison can you draw about the life cycles and reproduction processes in different animals?

How are predators and prey adapted to their environment?

How does a disturbance in a food web impact other organisms?

What is the impact of natural and man-made disturbances on a food web?

What is the role of a decomposer in a food web?

Which features or behaviours should we use to classify invertebrates?

What is the essential information for identifying micro-organisms?

What is more important, meeting the needs of a growing population or maintaining biodiversity?

How do characteristics that have been inherited by parents help animals thrive and survive?

What is the story of natural selection?

How does natural selection allow for the survival of a species?

What are the adaptations required for animals living in extreme environments?

How is climate change threatening species and the consequences of this?

Which order of date did animals become extinct?

How do we find out information about animals that are extinct?

What is the relationship between resilience and biodiversity?

DT

What are the aesthetic and functional aspects of prosthetic limbs?

What are the specific adaptations required in designing a prosthetic?

How can you build a prosthetic?

Which different classroom materials and construction techniques make the closest version of your design?

Existing, Endangered, Extinct

Autumn 2024

Year 6