

## Nova's Guide to Amazing Habitats

Explore the wild world with Nova the Owl – where will your habitat adventure take you today?

- A habitat is a natural home that provides an animal or plant with everything it needs to survive, such as food, water, and shelter.
- Living things are often grouped by their characteristics, such as whether they are mammals, birds, fish, reptiles, or amphibians.
- Adaptation is when a living thing changes its behaviour or body features over a very long time to help it thrive in its specific environment.
- Human impact, such as building new roads or polluting water, can change an environment and make it difficult for local animals to find food.
- A food chain shows how energy passes from one living thing to another, starting with a producer like a green plant.
- Protecting our local habitats, like woodlands and ponds, helps keep the balance of nature healthy for all creatures great and small.

*Did you know? Did you know? Some animals are so well adapted to their homes that they can survive in extreme conditions! For example, the Arctic fox has a thick, white coat that keeps it warm in freezing temperatures and helps it blend into the snow to stay safe from predators.*

**Key vocabulary:** Habitat · Environment · Adaptation · Ecosystem · Organism · Classification