

Key Vocabulary

Habitat	The natural home or environment where a plant or animal lives.	Climate Change	Long-term changes in Earth’s weather and temperature patterns.
Ecosystem	A community of living things interacting with each other and their environment.	Endangered	A species at risk of becoming extinct.
Biodiversity	The variety of different living things in an ecosystem.	Extinct	When a species no longer exists anywhere on Earth.
Adaptation	A feature or behaviour that helps a living thing survive in its habitat.	Conservation	Protecting animals, plants and habitats from damage or destruction.
Environment	The surroundings and conditions where living things live.	Sustainability	Using resources carefully so they are available for the future.

Environmental Changes and Their Effects

Environmental Change	Possible Effect on Animals
Deforestation	Animals lose homes and food sources
Ocean Pollution	Marine animals may become injured or poisoned
Arctic Ice Melting	Polar animals lose hunting grounds
Drought in Deserts	Animals struggle to find water
Coral Reef Damage	Fish lose shelter and food

Key Learning

Human Impact	Humans can damage habitats through pollution, deforestation, overfishing and climate change. These changes can make it difficult for animals to survive.
Endangered Animals	Animals become endangered when their populations decrease and they are at risk of extinction. Habitat loss is one of the biggest causes.
Food Chains and Food Webs	Living things depend on each other for food and survival. If one part of a food chain changes, other organisms are affected too.

Examples of Animal Adaptations

Animal	Adaptation	How it Helps Survival
Polar Bear	Thick fur and blubber	Keeps the animal warm in freezing temperatures
Camel	Stores fat in hump	Helps survive long periods without water
Tree Frog	Sticky toe pads	Helps climb trees and escape predators
Arctic Fox	White fur in winter	Camouflage in snowy habitats

7 ENDANGERED SPECIES ON VERGE OF EXTINCTION DUE TO HUMAN ACTIVITY

- **TIGER**
- **DUGONG**
- **SEA TURTLE**
- **RHINOCEROS**
- **BUMBLE BEE**
- **INDIAN VULTURE**
- **RIVER DOLPHIN**

