

Evolution

Chapter 4: Evolution · Topic 1

Key Concept

Evolution occurs over very long periods, with small changes accumulating in living things across many generations.

Living things evolve traits that help them survive and reproduce better in their specific environment, called adaptation.

Scientists study fossils, which are preserved remains of ancient living things, to understand how life has evolved over time.

Understanding evolution helps us see the connections between all living things and how life has changed on Earth.

Quick Revision Notes

- Evolution: gradual change over long time.
- Small changes accumulate across generations.
- Living things adapt to their environment.
- This helps survival and reproduction.
- Fossils are preserved ancient remains.
- Scientists study fossils to understand evolution.
- Evolution connects all living things.
- It shows how life changed on Earth.

Practice Questions

- 1 Discuss what evolution means in your own words.
- 2 Research a fossil and what it tells us.
- 3 Discuss an example of an animal adaptation.
- 4 Discuss why evolution takes a long time.
- 5 Research how scientists study evolution.
- 6 Explain adaptation with an example.