

Life on Earth

Chapter 3: Life on Earth · Topic 1

Key Concept

Scientists believe life on Earth began in the oceans billions of years ago, starting with simple single-celled organisms.

Over billions of years, life evolved from simple organisms into complex plants and animals through gradual changes.

Today, Earth hosts millions of different species, each adapted to survive in different environments and habitats.

Understanding the history of life on Earth helps us appreciate the diversity of living things and our place among them.

Quick Revision Notes

- Life began in oceans billions of years ago.
- It started with simple single-celled organisms.
- Life evolved into complex plants, animals.
- This happened over billions of years.
- Earth hosts millions of species today.
- Each is adapted to its environment.
- Understanding this shows life's diversity.
- It shows our place among living things.

Practice Questions

- 1 Discuss where life on Earth likely began.
- 2 Research an early life form and its features.
- 3 Discuss why Earth has so many species today.
- 4 Draw a simple timeline of life's history.
- 5 Discuss why adaptation helps species survive.
- 6 Explain the diversity of life in your own words.