

Practice and Revision - Life Cycle of Animals

Chapter 1: Life Cycle of Animals · Topic 2

Key Concept

Some animals, like humans and dogs, grow gradually from birth, looking similar to adults but smaller, without dramatic changes.

Other animals, like butterflies and frogs, undergo metamorphosis, changing dramatically from egg to larva/tadpole to adult.

A butterfly's life cycle includes egg, caterpillar (larva), pupa (chrysalis), and adult butterfly stages.

A frog's life cycle includes egg, tadpole, and adult frog stages, with the tadpole living in water before becoming a land-dwelling adult.

Quick Revision Notes

- Some animals grow gradually (humans, dogs).
- They look like small adults from birth.
- Others undergo metamorphosis (butterflies, frogs).
- This means dramatic stage changes.
- Butterfly: egg, caterpillar, pupa, adult.
- Frog: egg, tadpole, adult.
- Tadpoles live in water.
- Adult frogs live on land.

Practice Questions

- 1 Draw the life cycle of a butterfly.
- 2 Draw the life cycle of a frog.
- 3 Compare gradual growth and metamorphosis.
- 4 Research another animal that undergoes metamorphosis.
- 5 Discuss why a tadpole looks different from an adult frog.
- 6 List the four stages of a butterfly's life cycle.