



Year 5 Living Things and Their Habitats Science Knowledge Organiser

Knowledge

Skills

Vocabulary



Knowledge Progression

Can I describe how some plants reproduce?

Can I describe how some plants reproduce?

Can I describe the life cycles of different mammals?

Can I explain what Jane Goodall discovered about chimpanzees?

Can I compare the life cycles of amphibians and insects?

Can I compare the life cycles of plants, mammals, amphibians, insects and birds?

Curriculum Coverage

Identify parts of a flower. • Give one difference between sexual and asexual reproduction. • Describe ways plants can be pollinated. • Identify plants that reproduce asexually. • Describe ways to grow new plants other than from seed. • Identify the stages in the process of sexual reproduction. • Identify different types of mammals. • Give three facts about Jane Goodall. • Describe threats faced by chimpanzees. • Identify familiar animals that undergo metamorphosis. • Order the stages of the life cycles of mammals, birds, insects and amphibians.

Skills Progression

To ask simple questions and recognise and recognise that they can be answered in different ways.

To use secondary sources to research.

To observe carefully and closely, using simple equipment .

To be able to (with help) notice relationships.

To be able to talk about what they have found out and how they found it out.

Scientific vocabulary

Asexual Reproduction, fertilise, gestation, life cycle, metamorphosis, pollination, reproduction, sexual reproduction.

Scientific enquiry

Can I compare lifecycles of different animals?

What is the effect of deforestation on animals?

What is habitat loss?

Are there other conservation issues?

What is conservation?

How can humans protect other animals?

How to bees affect pollination?