



Prior Learning	
<p>This 'Living Things and Their Habitats' unit will teach your class about the process of reproduction and the life cycles of plants, mammals, amphibians, insects and birds. The children will explore reproduction in different plants, including different methods of pollination and asexual reproduction. They will recap their work in Year 3 by playing a game to name the parts of a flower. The children will have the opportunity to take cuttings from plants, creating clones of the parent plant. They will learn about different types of mammals and their different life cycles, making life cycle wheels to present their learning. Furthermore, the children will find out about Jane Goodall and her work with the now-endangered chimpanzees in Africa. They will explore metamorphosis in insects and amphibians, comparing their life cycles. Finally, the children will explore the life cycles of birds, and will write and star in their own wildlife documentary comparing the life cycles of different living things.</p>	
Key vocabulary for this unit	
<p>Asexual reproduction, fertilise, gestation, life cycle, metamorphosis, pollination, reproduction, sexual reproduction</p>	
Learning Sequence	
1. Making new plants 1	To describe the life process of reproduction in some plants and animals by exploring sexual reproduction in plants.
2. Making new plants 2	To describe the life process of reproduction in some plants and animals by exploring sexual reproduction in plants.
3. Mammals	To describe the life cycle of a mammal by exploring the life cycles of mammals in different habitats. To describe the life process of reproduction in some plants and animals by describing sexual reproduction in mammals.
4. Jane Goodall	To describe the life process of reproduction in some plants and animals by exploring Jane Goodall's work with chimpanzees.
5. Metamorphosis	To describe the differences in the life cycles of an amphibian and an insect by exploring complete and incomplete metamorphosis.
6. Comparing life cycles	To describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird by describing and comparing different life cycles, including birds.

Assessment milestones

Working scientifically:

- Identify parts of a flower.
- Identify plants that reproduce asexually
- Identify the stages in the process of sexual reproduction.
- Identify familiar animals that undergo metamorphosis.

Scientific knowledge:

- Give one difference between sexual and asexual reproduction.
- Describe ways plants can be pollinated.
- Describe ways to grow new plants other than from seed.
- Give three facts about Jane Goodall
- Describe threats faced by chimpanzees.
- Order the stages of the life cycles of mammals, birds, insects and amphibians.