



Session Outline: Lifecycles Y5

National curriculum:

Describe the differences in lifecycles of a mammal, an amphibian, an insect and a bird

Describe the life process of reproduction in some plants and animals

Learning objectives	Session structure	
<p>Understand that all plants and animals are enacting their lifecycle at all times.</p> <p>Understand that different types of creatures have different lifecycles</p> <p>Understand what the different parts of flowers are functionally for.</p> <p>Understand why and how plants disperse their seeds</p>	<p>Introduction We play a simple game with the class to help us to assess the childrens current level of understanding.</p> <p>Animal life cycles We discuss the human lifecycle as an example of mammal lifecycles, and then compare this with the lifecycle of a frog. We then visit the pond and the children dip for animals. We gather to discuss what we found and describe where the animals are in their life cycles and what will happen to them next.</p> <p>Plant life cycles We have a look at plants on site and discuss the plant life cycle and try to identify which part of the lifecycle various plants are currently in.</p> <p>We turn a child into a seed and children have to try and remember what it needs to germinate back into a child.</p> <p>Flowers, pollination and seed dispersal Children dissect a flower to examine the key parts of the flower and find out how a flower 'works'. Children then use various props to perform a play that demonstrates their understanding. The children do a role play activity to understand seed dispersal and then have a look at our seed collection.</p>	
Before your visit	After your visit	Key vocabulary
<p>Ask the children to read or watch 'Tadpoles Promise' and ask them to explain what happened in terms of lifecycles and food chains.</p>	<p>Ask the children to visit some plants growing in the school grounds and make a note of where they are in their life cycles. Repeat observations every week and track the changes that are taking place. When the plant produces seed, how does it disperse them? Does that give any clues as to why the plant was growing there in the first place?</p>	<p>Lifecycle, egg, larvae, pupae, adult, mate, nymph Germinate, pollination, nectar, stamen, stigma, ovary, petal, dispersal.</p>