

FPS SCIENCE: Biology

KNOWLEDGE ORGANISER

Year 3/4 - Animals in their environments and growing plants

Super Scientist Investigates:
What is the importance of the environment to plants and animals?

What different variety of habitats are around school and my local environment and can I identify them? Why are plants and animals found in a particular habitat and why is suited to their needs.

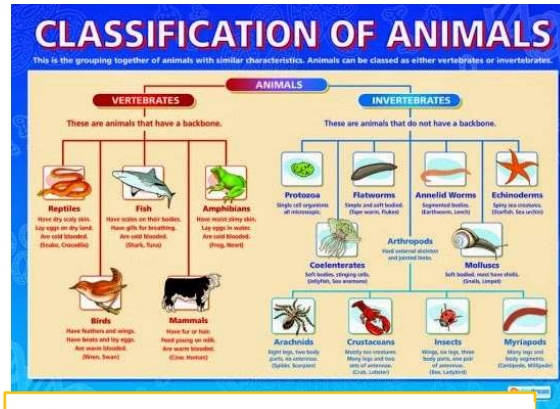


What animals live in a particular habitat and why do they live there?



Bird with a long beak

How can living things be grouped in a variety of ways.?



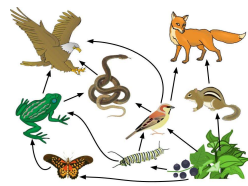
What questions and investigations can I pose to research habitats in school grounds?



What is an ecosystem and why is every part of it vital for life?



Why are food chains/food webs so important to animal survival?



Key Vocabulary

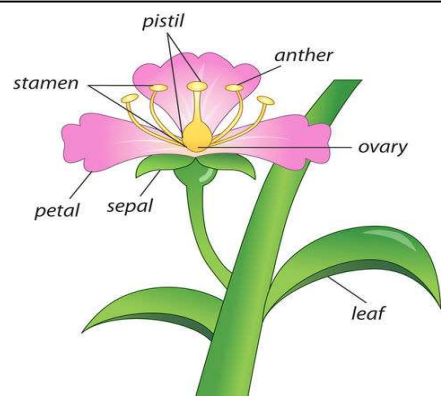
macro and micro habitat	large and small natural homes for living things
adaptations	Changes made by a living thing so it is better suited to its environment
germination	Growth from a seed
Life cycle	the series of changes a living thing goes through from the beginning of its life until death
dissect	to separate into pieces
Pollination and fertilisation	the process which pollen is taken from one plant or part of plant to another to produce new plants
ecosystem	is made up of all living and non living things in an area

What are the different parts of a flowering plant and what is their function?

What part do flowers play in the life cycle of a flowering plant?



What does a plant need to grow well? How does this vary from plant to plant?



How is water transported within plants?