

## Medium Plan - Year 6 - Living Things and their Habitats

Living things and their habitats	Animals, including humans	Evolution and inheritance	Light	Electricity
----------------------------------	---------------------------	---------------------------	-------	-------------

<b>Vocabulary</b>		
micro-organism microbe decay	exoskeleton endoskeleton bacteria	virus mould

### Preload

### Teaching Sequence (to be taught in the following order)

Substantive Knowledge	To describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals.	To describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals.	To give reasons for classifying plants and animals based on specific characteristics.	To give reasons for classifying plants and animals based on specific characteristics.
Additional Information	This unit builds on directly from the Y4 objective	Extend understanding, that these classification groups can be further subdivided.	Ensure look at examples from plants, animals and micro-organism groups.	Extend to unfamiliar plants, animals and micro-organism groups.
Ideas	Review classification as a means of grouping living things into broad groups - mammals, birds, fish, reptiles, amphibians (vertebrates) and insects, spiders, snails, worms (invertebrates). Plus, flowering and non-flowering plants.	Look at work of Carl Linnaeus - use the Linnaean system to classify an animal/plant species in much greater detail. Discuss why living things are placed in one group and not another.	Look at familiar living things and determine/justify their classification based on their characteristics.	Look at unfamiliar plants and animals, deciding on where they belong in the classification system, giving reasons for their choices.
Equipment	<a href="http://ypte.org.uk/lesson-plans/living-things-and-their-habitats-year-6-classification?qclid=EAIaIQobChMI-428v19wIVSLrVCh0cIQH0EAAYASAAEqI-sfD_BwE&amp;hide_donation_prompt=1">http://ypte.org.uk/lesson-plans/living-things-and-their-habitats-year-6-classification?qclid=EAIaIQobChMI-428v19wIVSLrVCh0cIQH0EAAYASAAEqI-sfD_BwE&amp;hide_donation_prompt=1</a>			
Identifying, classifying and grouping	Group living things using classification keys.	Group living things using classification keys.		
Observing over time				
Pattern seeking			Identify scientific evidence that has been used to support or refute ideas or arguments.	Report and present findings - including conclusions, causal relationships and explanations of a degree of trust within the results - what scientific evidence do they have to support their ideas - do they need

## Medium Plan - Year 6 - Living Things and their Habitats

Living things and their habitats	Animals, including humans	Evolution and inheritance	Light	Electricity
----------------------------------	---------------------------	---------------------------	-------	-------------

				more?
Comparative and fair testing				
Research		Research the work for Carl Linnaeus - present findings in oral and written forms such as displays and presentations.		