

Year 4 Summer 2 - Science - Knowledge Organiser - HUNTED!

Key Vocabulary











vertebrate – animals which have a backbone/spine
invertebrate – animals which do not have a backbone/spine
classification – grouping living things by looking at similarities and differences
habitat – the natural home or environment of an animal, plant or other organism
environment – the surroundings or conditions in which an animal or plant lives
deforestation – the action of clearing a wide area of trees
classification keys - A set of yes or no questions about the characteristics of living things.

They are used to group and sort animals and plants. Answer the questions and follow the Lines depending on whether the answer is yes or no.

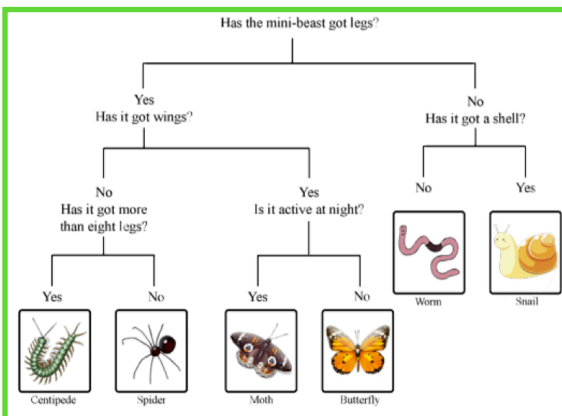
Characteristics: MRS GREN

All living things do these 7 life processes:
Movement – moving, can be fast and obvious or slow and over time
Respiration – releasing energy from food
Sensitivity – responding to their environment
Growth – getting bigger and older
Reproduction – producing offspring
Excretion – getting rid of waste
Nutrition – taking in food

Animal classifications

Vertebrates <i>Have a backbone</i>	Invertebrates <i>Do not have a backbone</i>
<ul style="list-style-type: none"> mammals  reptiles  fish  amphibians  birds  	<ul style="list-style-type: none"> insects  arachnids  crustaceans  molluscs  annelids 

Classification Keys



Changing Environments

NATURAL CHANGES – different seasons can change habitats. As the weather changes so can the plant life of the habitat. Look at the area around you, do you notice different plants and possible different animals at different times of the year?
HUMAN CHANGES – How humans live and what they do can impact habitats both negatively and positively.

Negative ways:

- Deforestation - cutting down trees for a range of reasons
- Littering – dropping rubbish or leaving large objects lying in the environment
- Pollution – introducing harmful substances into the environment.

Positive ways:

- Protecting endangered species via conservation projects
- Cleaning bodies of water
- Recycling

Environmental change



forest fire



air pollution



flooding



water pollution