

Broadmayne First School Knowledge Organiser

Science Focus

Living Things (Classification)

Year 4

Spring Term 1

Key Knowledge

Seven Life Processes

MRS GREN

- All living things require seven essential (necessary) processes to survive.
- The seven life processes mean that something is "living" or "alive".
- The seven processes are **Movement, Respiration, Sensitivity, Growth, Reproduction, Excretion and Nutrition**. The first letters of each word make MRS GREN!
- MRS GREN is a useful way of remembering the seven life processes.

Classification

- Living things are either plants or animals.
- Living things can be put them into groups based on similarities.
- This is called classifying.
- Groups of similar living things are classified together.

Sub Divided

Animals

Plants

The 6 Basic Animal Groups



Invertebrates



Fish



Amphibians



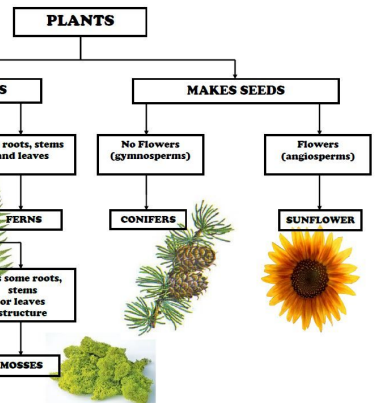
Reptiles



Birds



Mammals



Habitats

- A habitat is where a plant or animal lives.
- Habitats can be hot or cold, dry or wet, vegetated or barren.
- The habitat needs to meet the essential needs of the living thing.

Spelling
(Key Vocab)

Definition

vertebrate

Animals with a backbone (or spinal column)

invertebrate

Animals with no backbone (or spinal column)

deciduous

A tree or shrub that sheds its leaves each year.

coniferous

A tree or shrub that does not lose its leaves during winter.

Body

How hot or cold the inside of an animal's body is

Planned experiences

Locate a range of habitats on the school site.

Classify the animals and plants on the school site. (Locate one type of each animal and plant)

Design own keys and branch diagrams to identify animals and plants.

temperature	
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