



### Lesson Sequence



1. Classify living things



2. Understand the Kingdoms of Life



3. Classify living things using the Linnaean system



4. Identify the characteristics of different types of microorganisms



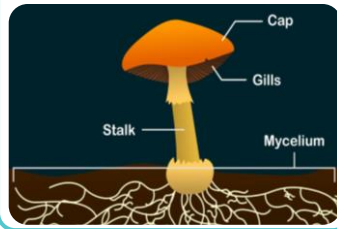
5. Investigate asexual reproduction through spore dispersal



6. Classify and describe a living organism

### Fungi

Fungi gain energy from dead matter.

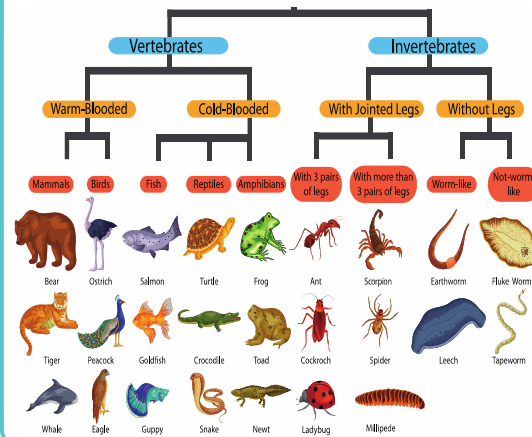


### MRS GREN

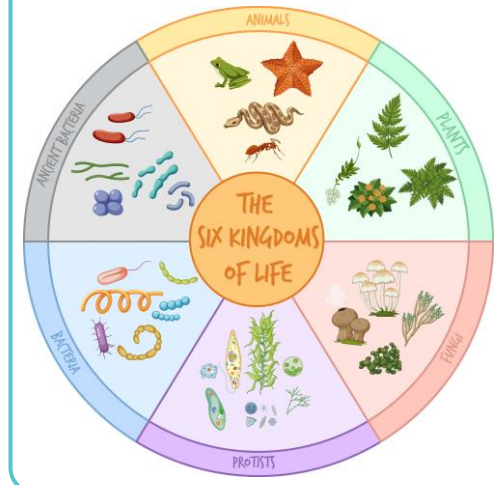
- M** Movement
- R** Respiration
- S** Sensitivity
- G** Growth
- R** Reproduce
- E** Excretion
- N** Nutrition

### Classification of Animals

#### Classification



### Six Kingdoms of Life



### Carl Linnaeus

Carl Linnaeus created a system of classification, which ranks living things into groups in order to name their species.

- DOMAIN** Eukarya
- KINGDOM** Animalia
- PHYLUM** Chordata
- CLASS** Mammalia
- ORDER** Primates
- FAMILY** Hominidae
- GENUS** Homo
- SPECIES** Homo sapiens



### Microorganisms

Antibiotics, yoghurt, cheese, wine and yeast are all **helpful bacteria**.

Mould, food poisoning and athletes foot are **harmful bacteria**.





# Knowledge Organiser: Living Things and their Habitats

## Before & After Test



Complete the words which fit in the acronym MRS GREEN.

<b>M</b> _____	<b>G</b> _____
<b>R</b> _____	<b>R</b> _____
<b>S</b> _____	<b>E</b> _____
	<b>N</b> _____

Tick the pictures depicting helpful bacteria.

	<input type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/>		<input type="checkbox"/>

Draw lines to match the living organisms to classify them into Kingdoms.

Fish	Slime Mould	<b>Animal</b>
Dafodil	Water at Yellowstone	<b>Plant</b>
Mushroom	Microscopic cells	<b>Fungi</b>
Fox		<b>Protista</b>
		<b>Bacteria</b>
		<b>Ancient Bacteria</b>

Andy says, "A tree is not alive because it cannot breathe or move on its own."  
Is Andy correct? Explain your thoughts.

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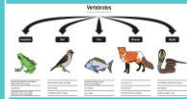
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# Unit Rocket Words: Living Things and their Habitats



## Rocket Words



classification

The arrangement of animals and plants in groups according to their observed similarities.



microorganism

A tiny, microscopic organism such as bacteria, virus or fungus.



habitat

A place where living organisms live.



living organism

Something that can move, use energy and reproduce.



species

The smallest class of organisms.



microscopic

A microscopic organism, too small to see with the naked eye.



ecosystem

A group of living organisms that live and interact with each other in a specific environment.



kingdom

A category grouping together all forms of life, having certain characteristics in common.



Linnaean System

A diverse kingdom which include mushrooms and brewer's yeasts.



cell

The smallest structural and functional unit of an organism.