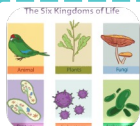




Lesson Sequence



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



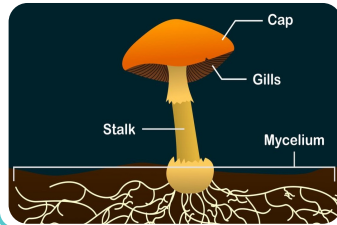
5. Investigate asexual reproduction through spore dispersal



6. Classify and describe a living organism

Fungi

Fungi gain energy from dead matter.

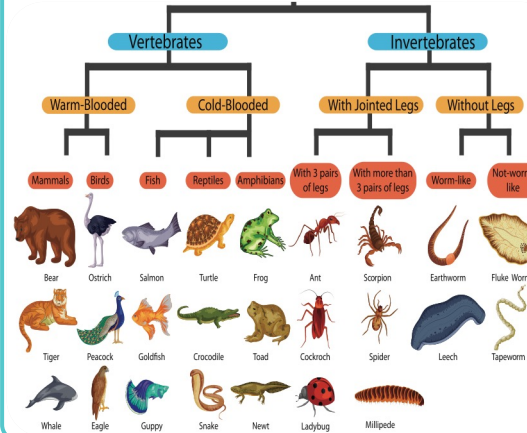


MRS GREN

- 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**.

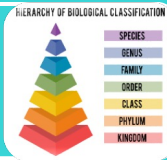
Mould, food poisoning and athlete's foot are **harmful bacteria**.





Knowledge Organiser: Living Things and their Habitats

Before & After Test



Complete the words which fit in the acronym MRS GREEN.

M _____

R _____

S _____

G _____

R _____

E _____

N _____

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	<input type="checkbox"/>	Animal
	Dafodil		Water at Yellowstone	<input type="checkbox"/>	Plant
	Mushroom		Microscopic cells	<input type="checkbox"/>	Fungi
	Fox			<input type="checkbox"/>	Protista
				<input type="checkbox"/>	Bacteria
				<input type="checkbox"/>	Ancient Bacteria

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



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.