

Living Things





How do we know if something is 'living'?

- All living things are characterised as being able to do seven things
- These are usually remembered by the mnemonic MRS NERG

M

R

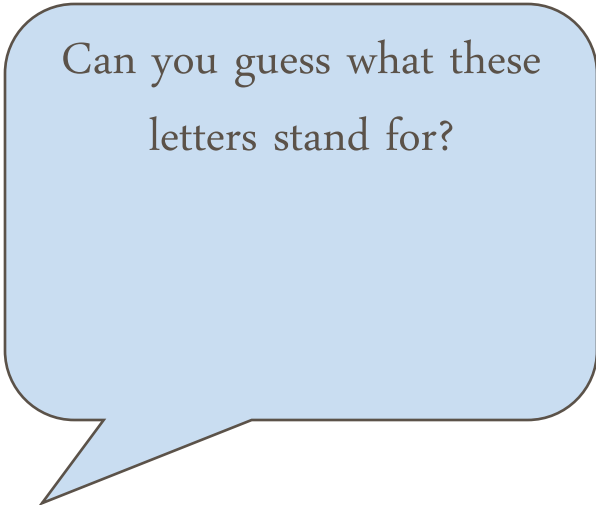
S

N

E

R

G



Can you guess what these
letters stand for?



The 7 characteristics of Living Things

Movement — Animals move to find food and keep away from predators, plants move to face the light

Reproduction — the ability to produce offspring to keep the species in existence

Sensitivity — responding and reacting to the environment

Nutrition — Animals need food for respiration, plants need minerals from the soil

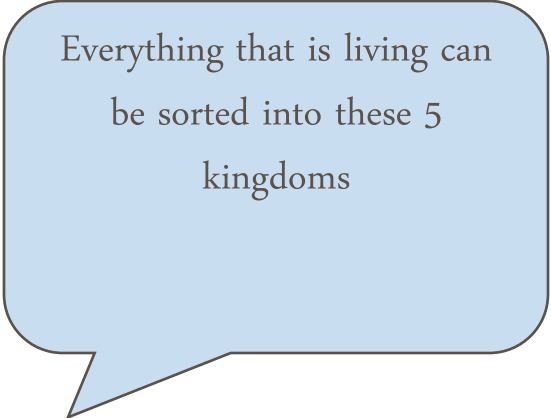
Excretion — Getting rid of waste

Respiration — Turning food into energy

Growth — Growing larger and stronger → becoming adult size



Classification of Living Things



Everything that is living can
be sorted into these 5
kingdoms

Kingdom Moneran

Protist Kingdom

Fungi Kingdom

Animal Kingdom

Plant Kingdom

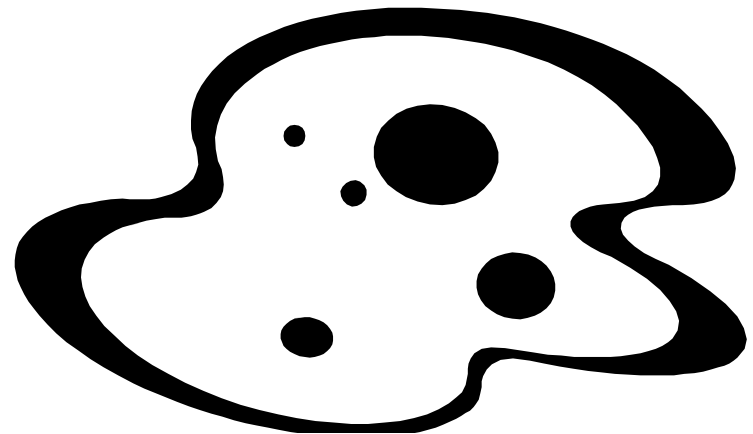
Kingdom Moneran

- Tiny, single-celled organisms
- Do not have a nucleus
- E.g. bacteria



Protist Kingdom

- Single-celled organisms with a nucleus
- Live in damp places of water
- E.g. amoeba



Fungi Kingdom

- Body is made up of a network of threads called hyphae
- E.g moulds, mushrooms



Plant Kingdom

- Multicellular – made up of lots of cells
- Make their own food by photosynthesis
- Lots of examples: flowering plants / non-flowering plants



Animal Kingdom

- Multicellular – made up of many specialised cells
- Cannot make own food
- Can be further classified into vertebrates and non-vertebrates then into classes such as amphibians, reptiles, birds, mammals





Task

1. Everyone

- Make a list of the 7 characteristics of Living Things (MRS NERG)
- Make a list of the 5 Kingdoms of Living Things (try to write an example for each)

2. Extension

- Research one of the 5 Kingdoms in more detail
- Make a poster / fact page / fact file