

Science Knowledge Organiser—Year 5/6 Cycle B

Living Things and Their Habitats (Classification)



St Mary's & St Benedict's
RC Primary School

	classification
	microorganism
	habitat
	living organism
	species
	microscopic
	ecosystem
	kingdom
	Linnaean System
	cell

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

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    graph TD
      Root[Classification] --> Vertebrates
      Root --> Invertebrates
      Vertebrates --> Warm-Blooded
      Vertebrates --> Cold-Blooded
      Invertebrates --> With-Jointed-Legs
      Invertebrates --> Without-Legs
      Warm-Blooded --> Mammals
      Warm-Blooded --> Birds
      Cold-Blooded --> Fish
      Cold-Blooded --> Reptiles
      Cold-Blooded --> Amphibians
      With-Jointed-Legs --> Insects
      With-Jointed-Legs --> Spiders
      Without-Legs --> Earthworms
      Without-Legs --> Mollusks
  
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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

Six Kingdoms of Life

Microorganisms

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

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