

Year 6 Science – Are all living things related?



English

Fiction – the spider and the fly.

Non-fiction – microorganisms

Maths

Fractions

Decimals

percentages

Science (Biology)

Microorganisms

Classification

Art

Sketches with charcoal and chalk

DT

PE (PE day is Monday)

Gymnastics

Music

You've got a friend

RE

Why is the Torah so important to Jewish people?

PSHE

What affects mental health and ways to take care of it; managing change, loss and bereavement; managing time online

ICT

Creating Media - 3D modelling

French

Family



Maths Vocabulary

multiply, divide, decimal, decimal place, recurring decimal, placeholder, place value, tenths, hundredths, thousandths, products, fraction, per cent, percentage, parts, whole, convert, compare, equivalent, simplify

Influential Scientist

Carl Linnaeus

Science Vocabulary

Classification, kingdom, species, taxonomy, animal, plant, mammal, bacteria, fungi, algae, virus, protozoa, microorganism, germ, microbe, flagellum, reptile, amphibian, bird, fish, vertebrate, invertebrate, key



What? (key knowledge)		Invertebrates and microorganisms	
Classifying Organisms			
What is <u>classification</u>?	Classification is grouping something using its features.	What are <u>invertebrates</u>?	Invertebrates are animals which do not have a backbone.
What is an <u>organism</u>?	An organism is any living thing.	What are the <u>different groups of invertebrates</u> called?	Insects, arachnids and molluscs.
How can <u>animals</u> be grouped?	Animals can be put into one of two groups: vertebrates or invertebrates.	What is a <u>microorganism</u>?	A living thing so tiny that it can only be seen under a microscope.
What are <u>vertebrates</u>?	Vertebrates are animals with a backbone.	How can <u>microorganisms</u> be grouped?	Groups of microorganisms include algae, fungi, protozoa, bacteria and viruses.
What are the <u>different groups of vertebrates</u> called?	Mammals, amphibians, reptiles, birds and fish		

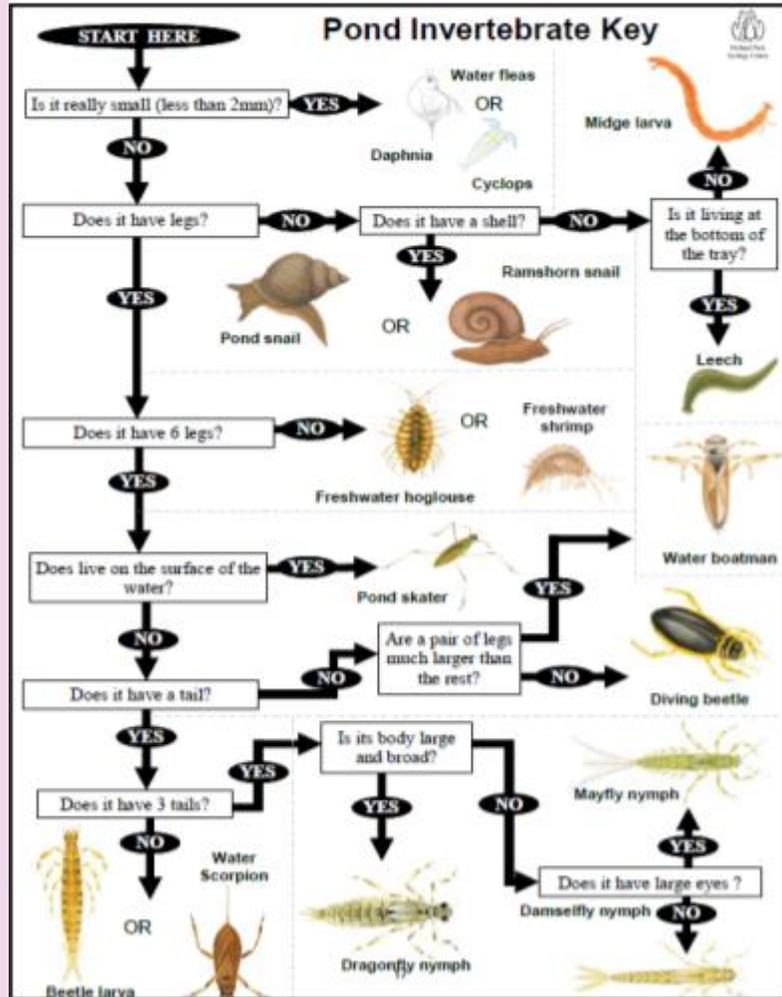
Previous Learning

- Animals including humans (Y1)
- Living things and their habitats (y4)

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Topic Fridge words



micro-organism	Micro-organisms are tiny. They are so small they can only be seen with a microscope.
vertebrates	A vertebrate animal is one that has a backbone.
invertebrates	An invertebrate animal does not have a backbone and 97% of creatures belong to this group.
species	This is the grouping together of similar types of plants, animals and other organisms that can reproduce with each other.
fungi	Fungi are a classification or group of living organisms. This means they are not animals, plants, or bacteria.
monera	The whole organism is made up of just one cell. This cell is more basic than cells of other organisms.
bacteria	Bacteria are tiny little organisms that are everywhere around us.
protista	Protists are not animals, plants, fungi, or bacteria. Many protists are so small that people can see them only through a microscope.
algae	Algae is a single or multi-cellular organism that has no roots, stems or leaves and is often found in water.
Carl Linnaeus	Carl Linnaeus is famous for his work in Taxonomy, the science of identifying, naming and classifying organisms (plants, animals, bacteria, fungi etc.).