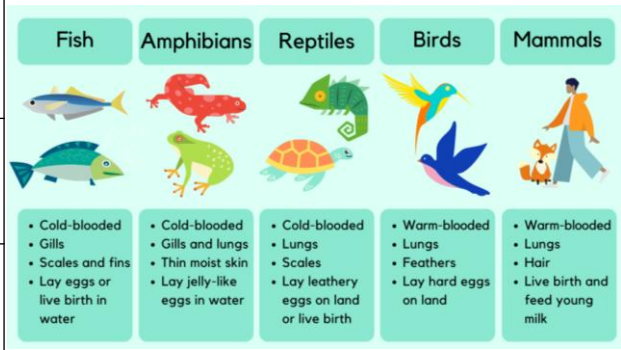
Year 6: Science Living Things & Their Habitats Knowledge Mat

Subject Specific Vocabulary

classify	To arrange items into different categories.
observable characteristic	A feature that can be seen.
microbe/ micro-organism	A living thing that is so small you need a microscope to see it.
bacterium (s) bacteria (pl)	A single-cell micro-organism. Some can make us ill.
virus (s) viruses (pl)	An infection or disease can be caused by a virus.
fungus (s) fungi (pl)	The largest of micro-organisms, they produce spores and feed on organic matter.
vertebrate	An animal with a spine or backbone (mammals, reptiles, fish, amphibians, birds)
invertebrate	An animal without a spine or backbone.
support	Suggest the truth of. Your evidence might support your prediction.
refute	Prove something to be wrong. Your evidence might refute your prediction.

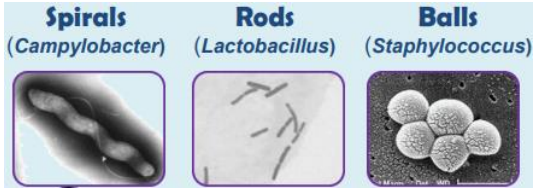
Vertebrates



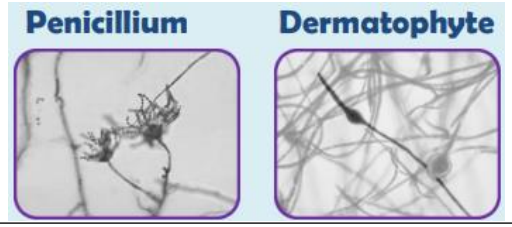
Micro-organisms

Influenza virus

The three shapes of bacteria



Fungi are the largest



Important knowledge

- ❑ I can classify plants, animals and micro-organisms into broad groups according to observable characteristics.
- ❑ I can give reasons for classifying plants and animals based on observable characteristics.
- ❑ I can identify observable characteristics in living things.
- ❑ I can classify vertebrates and invertebrates into subcategories.

- ❑ I can ask a testable question which includes the change and measure variables.
- ❑ I can describe how the evidence I have collected supports or refutes my idea.
- ❑ I can make a prediction and explain my reasons using scientific knowledge.
- ❑ I can use more than one piece of evidence when forming a conclusion.
- ❑ I can describe how to improve planning to produce better results.
- ❑ I can suggest reasons for anomalies.
- ❑ I can select and plan the most appropriate type of scientific enquiry to use to answer scientific questions.