# In **science** we are learning about…

# Living things and habitats

## Key vocabulary

- **Offspring-** An animal's young
- **Classification-** To sort things into different groups.
- **Reproduction-**The production of offspring.
- **Characteristics-** Special qualities or appearances that make an individual or group of things different to others.
- **Vertebrates**- An animal of a large group distinguished by the possession of a backbone.
- **Invertebrates-** An animal of a large group without a backbone.
- **Species-** A group of organisms that can reproduce with one another in nature and produce offspring.
- **Habitat-** The place or the location where an organism lives, resides or exists.
- **Taxonomist-** A scientist who classifies different living things into categories.

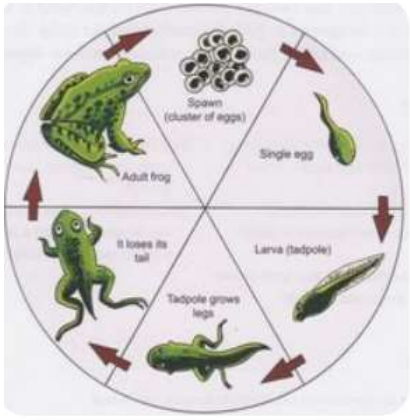
Jane Goodall

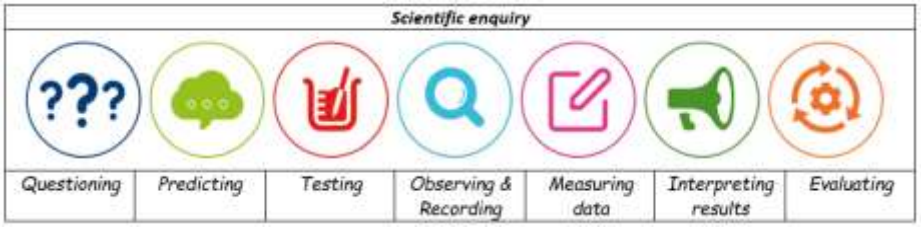
## Sticky knowledge

- Animals and plants can be classified into kingdoms and into classes. Classes are groups of animals and plants that are all alike in certain ways e.g. mammals, amphibians.
- Different animals and plants have different life cycles. A life cycle is a process that repeats over and over. Some animals are born from an egg and some are born live.
- Not all plants grow from seeds; they can also grow from spores and some plants can just produce identical copies of themselves.

## Links to previous learning

- Identifying and describing the functions of different parts of a flowering plant.
- Recognise that environments can change and that this can sometimes pose dangers to living things.
- Recognise that living things can be grouped in a variety of ways.




## Aspirations

- Zoo Keeper / Vet
- Farmer
- Marine Biologist

## Characteristics needed for this topic:

- Making Links
- Inclusiveness
- Respect