

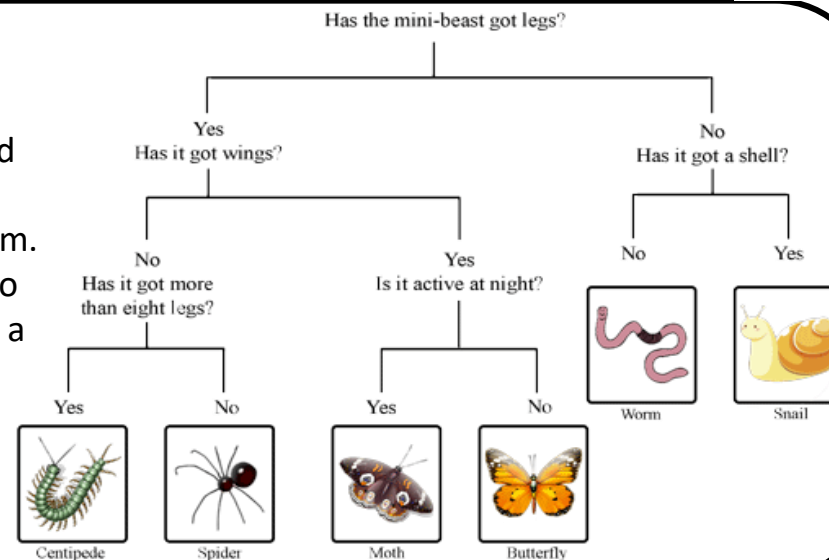


### Key Vocabulary

| Word            | Meaning                                              |
|-----------------|------------------------------------------------------|
| Classification  | Grouping or sorting living things.                   |
| Organisms       | An individual animal or plant.                       |
| Characteristics | Feature or trait.                                    |
| Taxonomy        | To classify living things.                           |
| Nucleus         | The control centre of the cell.                      |
| Unicellular     | Organism only has one cell.                          |
| Spores          | Single-cell bodies                                   |
| Mammal          | Vertebrate that breathes air and reproduces.         |
| Embryo          | Ball of cells                                        |
| Reproduction    | Biological process for organisms to create new life. |
| Gametes         | Reproductive cells                                   |

### Classification

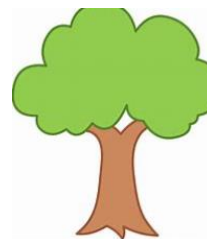
- Living things can be classified by looking at the similarities and differences between them.
- Classification Keys* are used to identify living things through a series of questions.
- Each question has a yes/no answer and is based on *characteristics*.



### The 5 Kingdoms



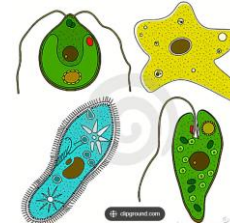
**Animals**  
(all  
multicellular  
animals)



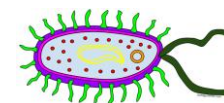
**Plants**  
(all green  
plants)



**Fungi**  
(mushroom,  
yeast, moulds)



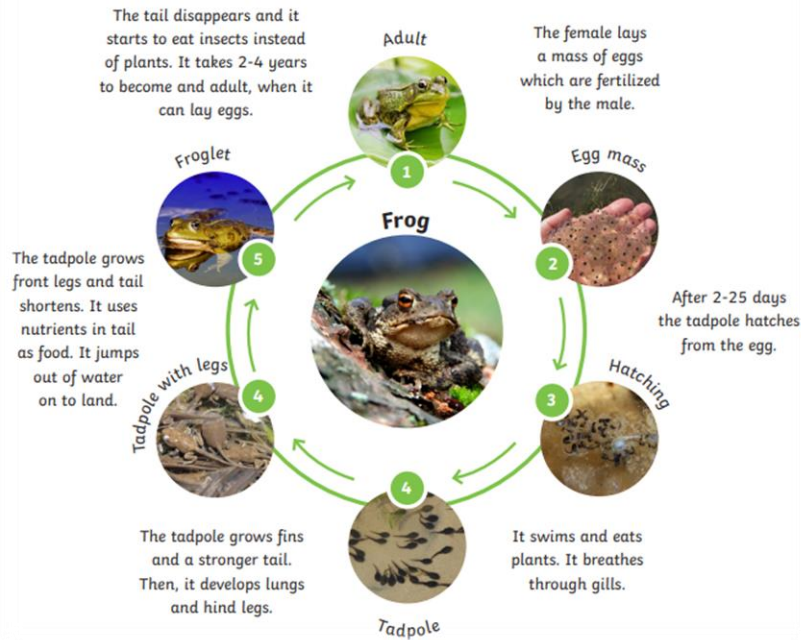
**Protists**  
(Chlorella,  
Amoeba,  
Plasmodium)



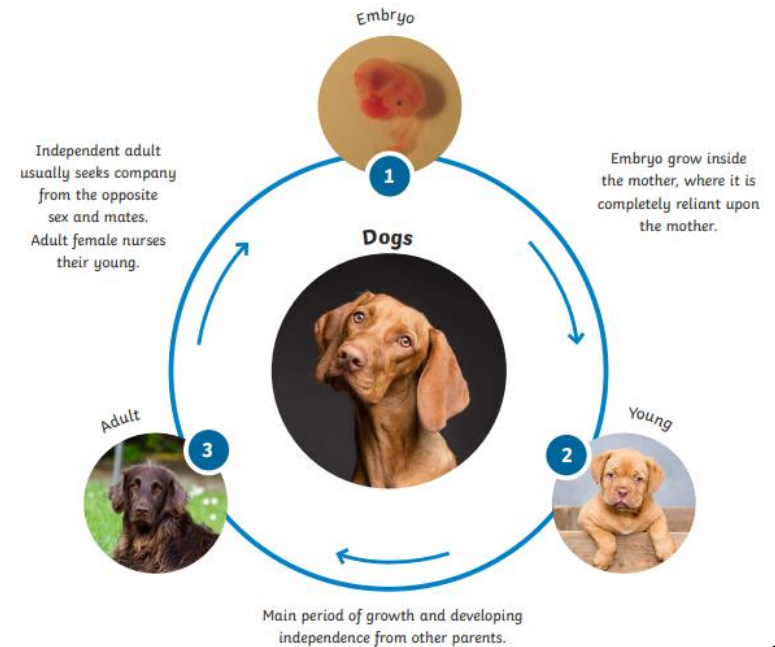
**Monera /  
Prokaryotes**  
(Bacteria,  
Algae)



### Life Cycle of an Amphibian



### Life Cycle of a Mammal



- **Vertebrates** are animals with a backbone (e.g. fish, birds, mammals, reptiles and amphibians).
- **Invertebrates** are animals without a backbone (e.g. molluscs, insects, protists).

### Extending your learning:

1. Go on a wildlife hunt and create a classification key for some of the living things you have found.
2. Draw the life cycle of a butterfly