



## Mickleover Primary School – Science Knowledge Organiser

**Title: Living things and their habitats**

**Year Group: 6**

**Term: Autumn 2**

### Vocabulary you will know...

<b>classify</b>	to sort things into different groups.
<b>characteristic</b>	special qualities or appearances that make an individual or group of things different to others.
<b>Dichotomous key</b>	a key is a series of questions about the characteristics of living things. A key is used to identify a living thing or decide which group it belongs to by answering 'yes' or 'no' questions.
<b>micro-organism</b>	an organism that can only be seen using a microscope, e.g. bacteria, mould and yeast.
<b>bacteria</b>	a single-celled microorganism.
<b>species</b>	a group of animals that can reproduce to produce offspring.

### Key Learning

- To describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals
- To give reasons for classifying plants and animals based on specific characteristics

### Working scientifically

- Using classification systems and keys to identify some animals and plants
- Plan and carry out an investigation into the conditions in which mould might grow.
- Make accurate observations and use these to draw conclusions.

### What will I be able to do by the end of the unit.....?

- Give reasons for the classification of different animals.
- Match groups of animals to their characteristics.
- Classify creatures based on their characteristics.
- Describe the useful and harmful effects of different micro-organisms.
- Describe the characteristics of different micro-organisms.

