

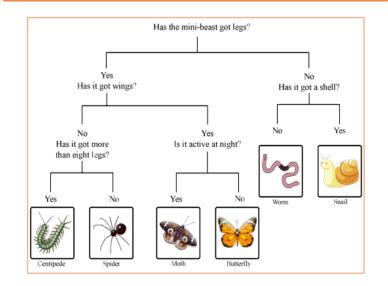
Mickleover Primary School – Science Knowledge Organiser

Title: Living things and their habitats	
Vocabulary you will know	
classify	to sort things into different groups.
characteristic	special qualities or appearances that make an individual or group of things different to others.
Dichotomous key	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.
micr o - organism	an organism that can only be seen using a microscope, e.g. bacteria, mould and yeast.
bacteria	a single-celled microorganism.
species	a group of animals that can reproduce to produce offspring.

Year Group: 6

Key Learning

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



Term: Autumn 2

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 microorganisms.