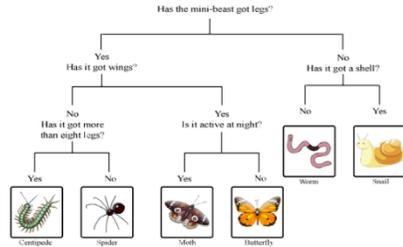


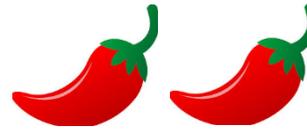
Classification and Living Things

- What does classification mean?
- Why do we classify organisms?



- What are vertebrates? What are the 5 groups of vertebrates?
- What are invertebrates? List some examples of invertebrates.
- Create a classification key of vertebrates.
- Create a classification key of invertebrates.

Go online (Enquiry):
 What is classification? BBC Bitesize
<https://www.bbc.co.uk/bitesize/topics/zn22pv4/articles/z3nbcwx>
 What is classification and identification?
<https://www.bbc.co.uk/bitesize/articles/zccm3k7>

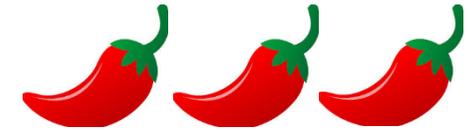


Research

- Research an animal(s) and write a detailed report to describe appearance, features, characteristics, adaptation to environments, habitat, labelled diagram etc.

Classification Keys - Plants

- Look at a variety of plants. Select 3-6 plants. Can you put different plants into groups according to their characteristics?
- Describe the characteristics of each plant.
- Assess plant habitats and describe what environmental conditions the plants will need to adapt to.



Research - Micro-organisms

- What is a micro-organism?
- How small are they?
- Where can they be found?
- What are the different types of micro-organisms?
- Describe and distinguish between helpful and harmful micro-organisms.

STEAM Activity

- In addition to completing the task above, research about how micro-organisms are structured. Use different materials to construct them.



Research about Significant Scientists

Research Edward Jenner and Sir Alexander Fleming

Living Things and Their Habitats

Year 6 Science Takeaway Homework Menu



National Curriculum Expectations

- 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
- give reasons for classifying plants and animals based on specific characteristics

Scientific Vocabulary:

- vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, insects, spiders, snails, worms, flowering and non-flowering

Takeaway homework guidelines

- It is up to you to choose what task to complete.
- Choose a task that is appropriate - but remember, the more you push yourself the more of a scientist you will become!