


# Knowledge Organiser

## Vocabulary

pictures	Key word	definition
	<b>environment</b>	the surroundings in which a living thing exists
	<b>habitat</b>	the place where an organism lives
	<b>extinction</b>	where an organism doesn't exist anymore
	<b>vertebrate</b>	an animal with a backbone
	<b>invertebrate</b>	an animal without a backbone
	<b>endangered</b>	organisms that are at risk of extinction
	<b>classify</b>	to group things together based on characteristics
	<b>natural changes</b>	naturally occurring changes
	<b>man-made changes</b>	changes that happen as a result of human intervention
	<b>organism</b>	an animal or plant

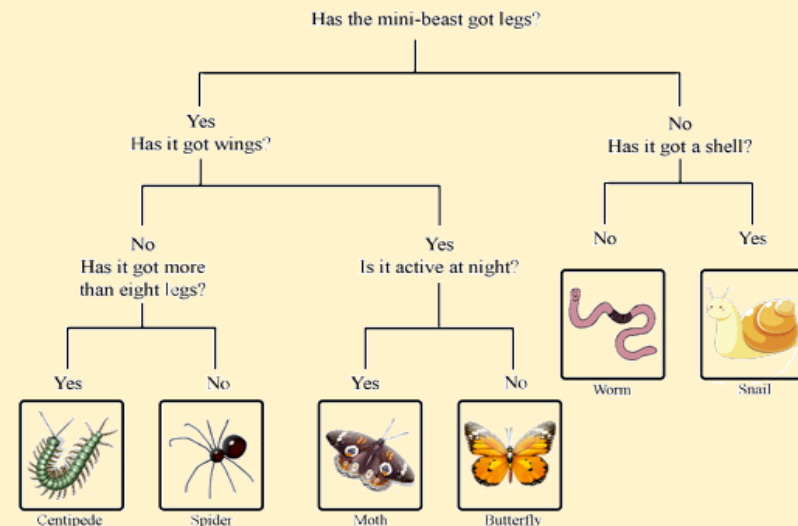
## Key facts

The billions of different kinds of living things (organisms) on earth have been divided up, by scientists, into groups according to their similarities and differences. This is known as classifying, which allows us to identify those that are unique.

All animals with a backbone are classified as vertebrates and these can be classified further. While animals without a backbone are invertebrates.

Animals live within a habitat and over time there have been significant changes to the habitats that animals live in. Some of these have occurred naturally (natural changes) but some have happened as a result

## Classification



## Further Reading

Check out: <https://www.bbc.co.uk/bitesize/topics/zn22pv4> where there are lots of great videos to watch about animals and living things.

GLUE ME

**What I am expected to know from the National curriculum**

- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can sometimes pose dangers to living things
- QR code for end of unit assessment:



**QUESTIONS TO DEEPEN YOUR LEARNING**

<b>Character</b>	<b>Critical Thinking</b>	<b>Creativity</b>	<b>Communication</b>	<b>Citizenship</b>	<b>Collaboration</b>
How do affect the environment?	Why have animals' changed over time?	Can you create a bug hotel?	How could you explain the importance of eco-friendly?	How can we all take responsibility for the environment?	Can you work with another child to create a classification diagram?