

Carr Head Primary School - Knowledge Organiser

Science

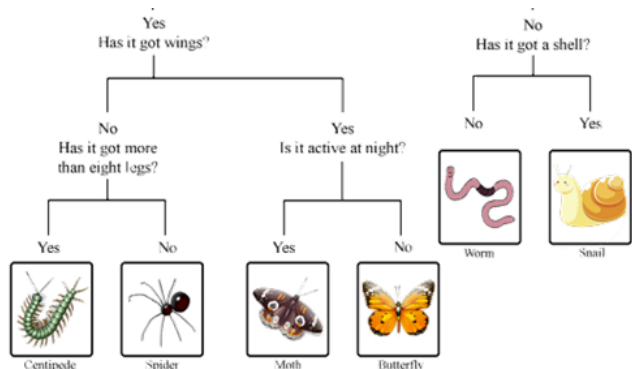
Living things and their habitats

Year 4

Autumn 1

Key Knowledge	
Life Processes	All living things need to demonstrate the 7 life processes—movement, respiration, sensitivity, growth, reproduction, excretion and nutrition
Living things can be grouped in different ways.	Different criteria can be used to group living things. Criteria might be type of organism or habitats or features.
Classification keys can be used to help identify and name living things.	See example below
Environmental change	Environments can change and this can sometimes pose danger to living things. Dangers include litter, pollution and urban development

Key Vocabulary	
carnivore	meat eating animals
classification key	system which divides things into groups or types
deciduous	trees that lose their leaves every year
excretion	eliminating waste from the body
habitat	the natural environment in which an animal or plant normally lives or grows
herbivore	a plant eating animal
invertebrate	creature that does not have a spine
nutrition	the process of taking food into the body and absorbing the nutrients in the food.
omnivore	animals eat plants and animals
reproduction	an animal or plant produces one or more individuals similar to itself
respiration	inhaling and exhaling air
sensitivity	responding to the external environment
vertebrate	creature that has a spine



Know how to...	
Working Scientifically	make and use simple guides or keys to explore and identify plants and animals in the school grounds
	make a guide to local living things
	ask and answer questions about living things in the local environment based on their observations
	carry out research into other animals



Sir David Attenborough