

Science Knowledge Organiser

Classification

Year 6
Autumn 1



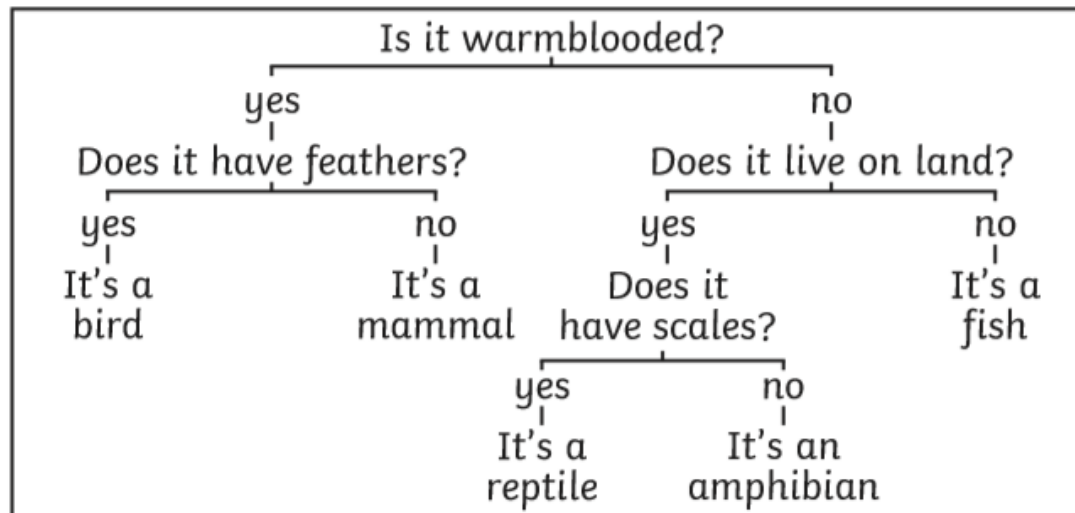
Key Vocabulary

classification	organism	species	kingdom	vertebrate	invertebrate
mammal	reptile	amphibian	bird	fish	microorganism
fungi	bacteria	characteristics	habitat	environment	
adaptation	taxonomy	Carl Linnaeus			



How do characteristic keys work?

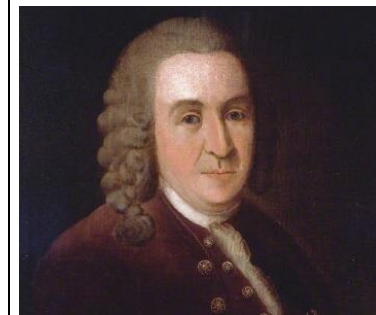
All living things can be sorted into groups using the **Linnaeus System**, which has **eight levels**. Each level gets more specific, starting with large groups and ending with just one species. Scientists often use simple keys, like the one below, with yes/no questions to help identify and classify living things.



Carl Linnaeus 1707-1778.

Carl Linnaeus was a scientist from Sweden who lived from 1707 to 1778. He was especially interested in plants and is known as a *botanist*—someone who studies plants.

In 1735, Linnaeus created a clever way to sort and



name all living things, like animals, plants, and even tiny creatures. His system helped scientists around the world understand how different living things are related.