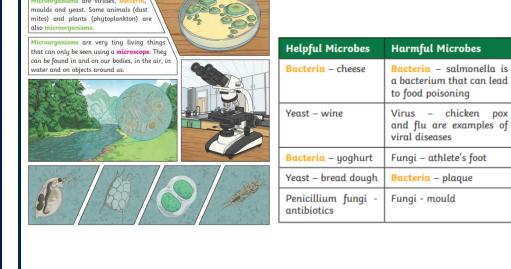
Key Learning

Year 5/6 Science – Living Things and Their Habitats

Key Knowledge

Morda CE Primary School

- 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.
- Give reasons for classifying plants and animals based on specific characteristics.





In 1735, Swedish Scientist Carl Linnaeus first published a

system for **classifying** all living things. An adapted version of this system is still used today: The Linnaeus System.

Living things can be classified by these eight levels. The number

Scientists, called Taxonomists, sort and group living things according to their similarities and differences.

	Is it war	mblooded?	
y	es !	r	10
Does it hav	e feathers?	Does it live on land?	
yes It's a bird	no It's a mammal	yes Does it have scales?	no It's a fish
	It'	es no I I s a It's a stile amphib	

Key Scientific Vocabulary

Key Vocabulary	
bacteria	A single-celled microorganism.
microorganism	An organism that can only be seen using a microscope , e.g. bacteria, mould and yeast.
microscope	A piece of equipment that is used to view very tiny (microscopic) things by magnifying their appearance.
species	A group of animals that can reproduce to produce fertile offspring.

Key Vocabulary		
characteristics	Special qualities or appearances that make an individual or group of things different to others.	
classify	To sort things into different groups.	
taxonomist	A scientist who classifies different living things into categories.	
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.	

igation Questions
What makes Common Misconceptions
yeast grow? • all micro-organisms are harmful • mushrooms are plants