


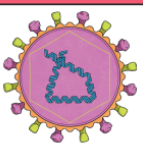



Y6 Thinking like a scientist

Key Knowledge:

Classification

- In the 1700s, Swedish scientist Carl Linnaeus published a system for classifying living things based on their observable characteristics, known as the Linnaean System. An adapted version of this system is still used today.
- Taxonomists are scientists who sort, group and classify living things based on their similarities and differences. We can use a classification key to group and classify living things like a taxonomist does.

Bacterium	Virus	Fungus
 cholera bacteria	 influenza virus	 honey fungus
single-celled microorganism	very simple structure	can be very small or very large
found almost everywhere on Earth	scientists often disagree about whether they are alive or not	often have a fruiting body and a network of threads
can be spherical, rod shaped or curved/spiral	require a host to reproduce	reproduce through releasing spores

Microorganisms

Microorganisms are microscopic organisms that can be found almost everywhere on Earth - including inside our bodies.

MRS GREN

M Movement
R Respiration
S Sensitivity
G Growth
R Reproduce
E Excretion
N Nutrition

Six Kingdoms of Life



Learning Questions

How are living things classified?

What are the kingdoms of life?

What is the Linnaean system?

Can I identify the of different microorganisms?

Can I classify and describe a living organism?

What else do you know?