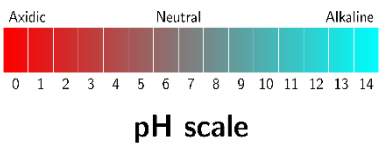


Micro-organisms (MO's) are organisms which can only be seen under a microscope.



Mighty Microbes

To grow and reproduce MO's require Food, Water, Warm temperature, Suitable pH



The 3 types of MO's are

Bacteria

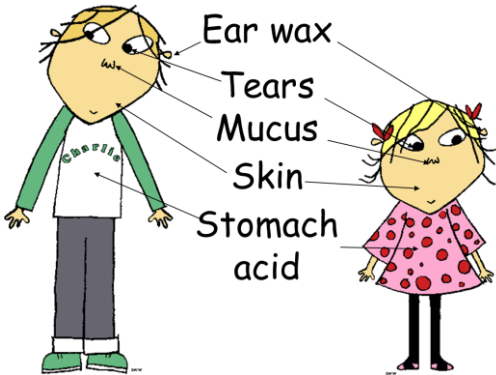
Fungi

Virus

Vaccines are made from 'killed' viruses. They help the body to recognise a particular virus so that when the body is re-infected, the immune response is much faster. It is important to have vaccinations so that vulnerable people in society are protected from disease.

Type of MO	Infections caused	How to control their numbers
Bacteria	Cholera, malaria, salmonella	Antibiotics, good hygiene
Fungi	Athlete's foot, thrush	Antifungals, good hygiene
Viruses	Flu, common cold, covid	Body defences - help by getting vaccinated, good hygiene

The skin is the body's first line of defence. It is a physical barrier to stop micro-organisms entering the body. Other first-line defences include:



Our immune system protects our body from micro-organisms that get through the first line of defence. Antibodies tag MO's and white blood cells destroy them.

MO's can be used to make products for humans to use, e.g. yoghurt and cheese (bacteria), dough and alcoholic drinks (fungi - yeast).

