

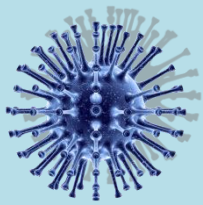
# What are Microbes?

- Microbes are living organisms
- They are so small we need a microscope to see them
- They come in different shapes and sizes
- They are found EVERYWHERE!
- Some microbes are useful or even good for us
- Some microbes can make us ill

There are **3** different types of microbes:

## VIRUSES

### Influenza



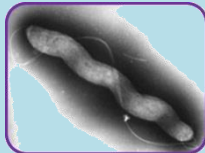
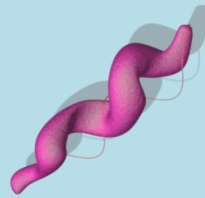
- Viruses are even smaller than bacteria and can sometimes live **INSIDE** bacteria!
- Some viruses make us sick.
- Diseases like CHICKENPOX and the FLU are caused by viruses.
- Viruses can spread from one person to another but it depends on the type of virus.

## BACTERIA

- There are three different types of bacteria. They look like:

### Spirals

(e.g. *Campylobacter*)



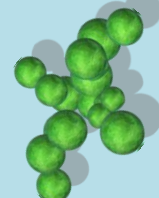
### Rods

(e.g. *Lactobacillus*)



### Balls

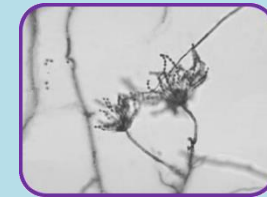
(e.g. *Staphylococcus*)



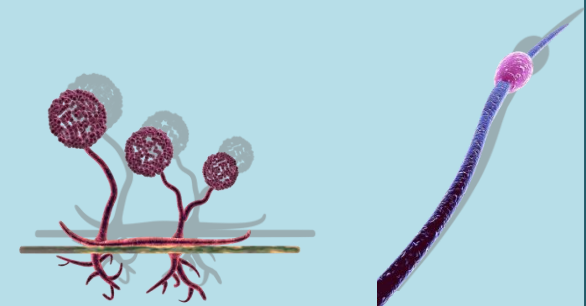
- They are so small that 1000s of bacteria could fit on the full stop at the end of this sentence.
- Some bacteria are helpful in cooking, for example, making yogurt and cheese.
- Some bacteria are harmful and cause infection.
- **Bacteria multiply very fast.**

## FUNGI

### Penicillium



### Dermatophyte



- Fungi are the largest of all microbes.
- Fungi can be found in the air, on plants and in water.
- Mould, which grows on bread, is a type of fungus.

## Microbe Size

