

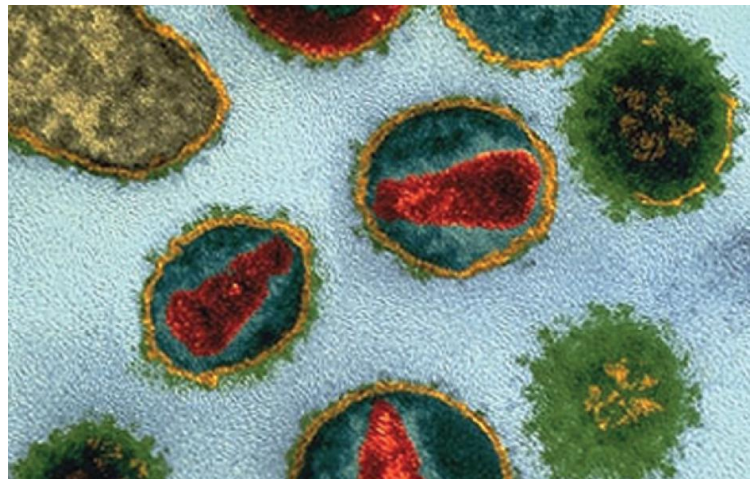
# Microbe Detectives

A mystery microbe is on the loose and has attacked an innocent bystander. Take the role of a junior detective and compile evidence from key witnesses to identify which mystery microbe has made a patient very ill.

Running time: 60 minutes

Maximum group size: 35

Suitable for: Year 3 – Year 7



This workshop contains sections on the following:

1. What is a micro-organism?
2. What are cells, bacteria and viruses and how small are they?
3. How bacteria can be both beneficial as well as harmful.
4. The effects of diseases on the body and how infectious diseases are spread.

## **Key stage 2 Science curriculum links**

### ***Living things and their habitats:***

#### **Year 4**

- recognise that living things can be grouped in a variety of ways

#### **Year 6**

- 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



## Key stage 3 Science curriculum links

### *Cells and organisms:*

- cells as the fundamental unit of living organisms
- the hierarchical organisation of multicellular organisms: from cells to tissues to organs to systems to organisms

### *Nutrition and digestion:*

- the importance of bacteria in the human digestive system

