



Transmitting and Fighting Infection

Lesson plan

<p>Starter activity</p> <p>As a class, students brainstorm as many infectious diseases as they can think of.</p> <p>When the list is complete, students consider where in the world each disease may be most common, adding locations to each disease listed.</p>	<p>Learning objectives</p> <ul style="list-style-type: none"> To list known infectious diseases and think about where they are most commonly found. To consider the reasons behind differences in disease occurrence around the world. To compare the main features of bacteria and viruses.
<p>Main activities</p> <p>Individually, students attempt the 'What causes infectious disease' exercise (PDF on Step 1.3), writing down their answers.</p> <p>Students pair up and discuss their answers with each other. Then, hand out the answer sheet for students to assess their responses together.</p> <p>Divide the class into two groups. Explain that one group is going to focus on bacteria, and the other on viruses. The class then watches and makes notes on the video in Step 1.4 (What's the difference between bacteria and viruses?).</p> <p>Each group produces an informative poster on either bacteria or viruses, including the main features and examples of the diseases they can cause. This can be done in various ways, using media and drawing diagrams and images where possible.</p>	<p>Resources required</p> <ol style="list-style-type: none"> PDF exercise and answers from Step 1.3 Pens and paper (including coloured pens and flipchart paper for bacteria and viruses exercise). <p>Assessment for Learning</p> <p>Answers to exercise and group posters produced.</p> <p>Differentiation</p> <p>SEND: Videos have subtitles. Low ability: Peer-learning. Gifted and Talented: Peer-teaching.</p> <p>Plenary</p> <p>Each group presents their poster on bacteria or viruses to the other. Recap and highlight the differences between them.</p>