

**GCSE Edexcel Combined Science**

5.4	Describe a pathogen as a disease-causing organism, including viruses, bacteria, fungi and protists
5.5	Describe some common infections, including: <ul style="list-style-type: none"><li>• Tuberculosis causes lung damage</li></ul>
5.6	Explain how pathogens are spread and how this spread can be reduced or prevented, including: <ul style="list-style-type: none"><li>• Tuberculosis- airborne</li></ul>
5.12	Describe how the physical barriers and chemical defences of the human body provide protection from pathogens, including: <ul style="list-style-type: none"><li>• Physical barriers, including mucus, cilia and skin</li><li>• Chemical defence, including lysozymes and hydrochloric acid</li></ul>
5.16	Explain that antibiotics can only be used to treat bacterial infections because they inhibit cell processes in the bacterium but not the host organism.