

A-level Biology B

6.2 Bacteria as Pathogens	Understand that bacteria can be agents of infection, invading and destroying host tissues and producing toxins Understand that pathogenic effects can be produced by exotoxins (Staphylococcus), endotoxins (Salmonella) and invasion of host tissue (mycobacterium tuberculosis)
6.3 Action of antibiotics	Understand the action of bactericidal and bacteriostatic antibiotics
6.4 Antibiotic resistance	Understand the development and spread of antibiotic resistance in bacteria Understand the methods and difficulties of controlling the spread of antibiotic resistance in bacteria
6.7 Response to infection	Understand how vaccination can be used in the control of disease and the development of herd immunity Understand the potential issues in populations where a proportion choose not to vaccinate