

Keywords: Spring 1

Science

Topic Title: SB2 Microbes and Disease

Introduction to the topic: Why are you learning it and how does it link to what you've learned before?

This topics builds on your knowledge of cells and focuses on how diseases are spread and what they are caused by.

What lessons will you cover during the topic?

Diseases, microbes, bacteria, viruses, fungi and immunity.

Keyword	Definition
Disease	Illness affecting plants and animals.
Antibody	A protein produced by the immune system in humans (and other animals) that attacks foreign organisms (antigens) that get into the body.
Antigen	A protein on the surface of a substance (often a pathogen) that triggers an immune response.
Bacteria	Single-celled microorganisms, some of which are pathogenic in humans, animals and plants. Singular is bacterium.
Virus	An ultramicroscopic infectious non-cellular organism that can replicate inside the cells of living hosts, with negative consequences.
Antibiotic	Substance that controls the spread of bacteria in the body by killing them or stopping them reproducing.
Antivirals	Drugs that prevent viruses replicating.
Transmission	The method by which a disease is passed from one person to another.