

Curriculum Links for: ABPI Human Immune System

Key Stage 3 (Age 11-14)

Science

National Curriculum	Life processes and Living Things Humans as organisms <i>Health</i>	2.19	The body's natural defences against bacteria and viruses may be enhanced by immunisation and medicines
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This web resource contains information on:

- **Pathogens and disease** – bacteria, fungi, viruses and protozoa
- **Barriers to infection** including the skin
- **Acquired immunity** including white blood cells, lymphocytes and primary response to infection
- **Immunisation** – vaccination and tetanus vaccination
- **Medicines and the immune system** – vaccination and immune memory
- **Vaccinations in the UK** – what and when; MMR triple vaccine
- **Antibiotics** – Fleming and penicillin; antibiotic resistance
- **Problems caused by the immune system** – asthma and allergic reactions; organ transplants and rejection
- **HIV/AIDS** – the virus; prevention