

Invasion! Infection and Immunity curriculum links for OCR A-Level Biology (current syllabus – H021, H421)

AS Unit F212: Molecules, Biodiversity, Food and Health - 2.2.2 Health and Disease

OCR Biology Unit Information	Invasion! Infection and Immunity Unit	Core or Additional unit
2.2.2 Health and Disease		
(b) define and discuss the meanings of the terms parasite and pathogen	Pathogens and the Immune Response	Core
(c) describe the causes and means of transmission of (malaria), AIDS/HIV and TB	Pathogens and the Immune Response	Core
(e) define the terms immune response, antigen and antibody	Pathogens and the Immune Response	Core
(f) describe the primary defences against pathogens and parasites (including skin and mucus membranes) and outline their importance.	Pathogens and the Immune Response	Core
(g) Describe, with the aid of diagrams and photographs, the structure and mode of action of phagocytes.	Pathogens and the Immune Response	Core
(h) describe, with the aid of diagrams, the structure of antibodies	Pathogens and the Immune Response	Core
(j) describe the structure and mode of action of T lymphocytes and B lymphocytes, including the significance of cell signalling and the role of memory cells	Pathogens and the Immune Response	Core
(k) compare and contrast the primary and secondary immune responses	Pathogens and the Immune Response	Core
(l) compare and contrast active, passive, natural and artificial immunity	Pathogens and the Immune Response	Core
(m) explain how vaccination can control disease	Vaccination	Additional

