

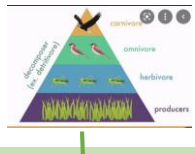


GCSE

4.7 Ecology



Trophic Levels



Waste management



Food security

Adaptations

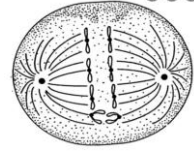


Mendel

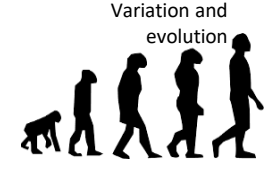
Biotic and Abiotic Factors



Understanding genetics and evolution



Mitosis and meiosis



Variation and evolution

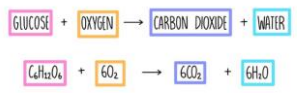


Classification

YEAR 11

4.6 Inheritance, variation and evolution

Reproduction

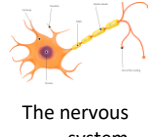


Respiration



Metabolism

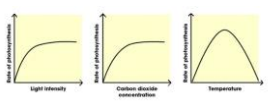
4.5 Homeostasis and response



The nervous system



The eye



Limiting factors



Photosynthesis



4.4 Bioenergetics



Plant defenses

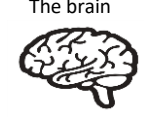


Communicable diseases

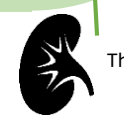
Discovery and development of drugs



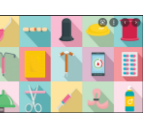
Hormonal control in humans



The brain



The kidney

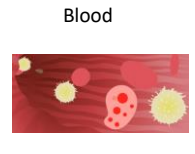


Contraception

YEAR 10

4.3 Infection and response

Health and disease



Blood



Circulation

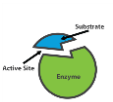


Heart Disease

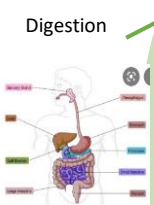


Cancer

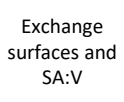
Plant system



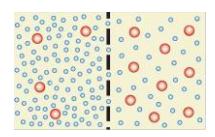
Enzymes



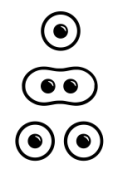
Digestion



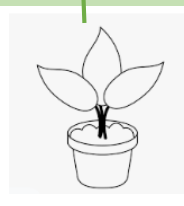
Exchange surfaces and SA:V



Transport in cells osmosis



Cell division and stem cells

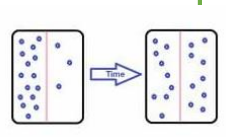


4.1 Cell biology

YEAR 9



Exchange surfaces and SA:V



Transport in cells Diffusion



Microscope



Cell structure