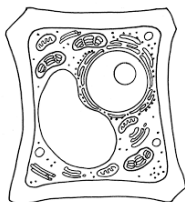


A-level Biology



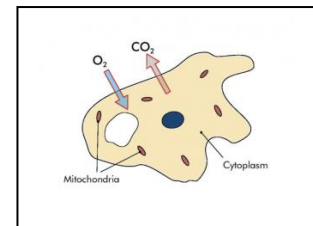
1. Biological molecules

Exploring the range of biologically important molecules in organisms. Mainly carbon based, but also including water and inorganic ions.



2. Cells

Looking at cell structure, function and division. How the cell surface membrane controls movement, communication and recognition.



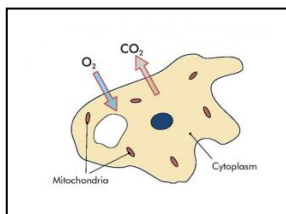
3. Organisms exchange substances with their environment (i)

See how individual cells and whole organisms are able to exchange substances, both internally and with their external environment.



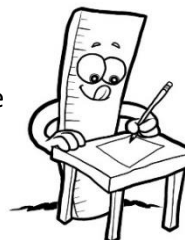
7. Genetic information, variation and relationships between organisms

Exploring how DNA structure relates to protein synthesis, genetic diversity and biodiversity.



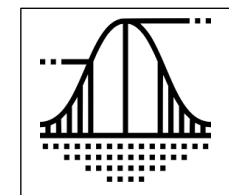
6. Organisms exchange substances with their environment (ii)

See how individual cells and whole organisms are able to exchange substances, both internally and with their external environment.



5. Mock exam - January

Paper based on the topics covered by both teachers in the Autumn term.



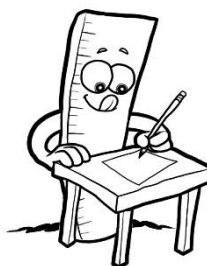
4. Statistics

Find out how to select and use the correct statistical test so that data can be interpreted appropriately.



8. Revision

Revision of content covered since September in preparation for end of AS mock exams.



9. Mock exams

AS papers 1 and 2. May/June



10. Energy transfer in and between organisms

How do photosynthesis and respiration allow organisms to harness and then utilize light energy from the sun?

CAREERS: At every available opportunity, teachers will introduce and promote careers links to the topics being studied (See Careers booklets).