

Subject Name: Biology



Year 12	Subject Theme	Wider Reading/Independence
Autumn	Foundations in biology Cell structure Biological molecules Nucleotides and nucleic acids Enzymes Biological membranes Exchange and transport Exchange surfaces	www.ocr.org.uk/qualifications/as-and-a-level/biology-a-h020-h420-from-2015 https://www.physicsandmathstutor.com/ http://astarbiology.com/a-level/ocr/ http://intobiology.org.uk/
Spring	Foundations in biology Cell division, cell diversity and cellular organisation Exchange and transport Transport in animals Transport in plants Biodiversity, evolution and disease Communicable diseases, disease prevention and the immune system	As above
Summer	Biodiversity, evolution and disease Biodiversity Classification and evolution Communication, homeostasis and energy Communication and homeostasis	As above

Key dates	PPEs held twice within the academic year
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Year 13	Subject Theme	Wider Reading/Independence
Autumn	Communication, homeostasis and energy Communication and homeostasis Photosynthesis Excretion as an example of homeostatic control Respiration Neuronal communication Hormonal communication Plant and animal responses	www.ocr.org.uk/qualifications/as-and-a-level/biology-a-h020-h420-from-2015 https://www.physicsandmathstutor.com/ http://astarbiology.com/a-level/ocr/ http://intobiology.org.uk/
Spring	Genetics, evolution and ecosystems Cellular control Patterns of inheritance Manipulating genomes Cloning and biotechnology Populations and sustainability	As above
Summer	Genetics, evolution and ecosystems Cloning and biotechnology	As above

Key dates	PPEs held twice in addition to the final external examinations
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