



Where will Biology take you?
 Dentistry
 Science writer
 Zoologist
 Veterinary nurse
 Neuroscientist
 Forensic scientist
 Physician associate
 Microbiologist
 Marine biologist
 Palaeontologist
 Pharmacologist
 nanotechnologist



Are you completing exam style questions under timed conditions?



Revision timetable:



Half term 5 Summer:
 B6.2 Feeding the human race
 B6.3 Monitoring and maintaining health
 B6.3 Non-communicable disease

Continue your lifelong love of learning

GCSE Results



Are you acting on feedback from your class teachers?

Mock exams Biology paper 1 and paper 2



Half term 4 Spring
 B6.1 Biodiversity and sampling
 B6.1.3 Biodiversity
 B6.1.2 Sampling
 B6.1.4 Maintaining biodiversity
 B6.1.6 Monitoring biodiversity

YEAR 11

Mock exams Biology paper 1



Start to develop independent study habits

How science works skills woven through the year

Half term 2 Autumn
 Inheritance B5.1
 B5..1a variation and practical's.
 B5.1.7 mutations
 B5.1.2 sexual and asexual reproduction
 B5.1.3 meiosis
 B5.1.4 single gene inheritance

Half term 5 Summer:
 Maintaining internal environment b3.3.
 B3.3.1a Homeostasis
 B3.3.1b the skin
 B3.3.2 Controlling glucose levels
 Diabetes
 B3.3.4b Structure of the kidneys
 Stresses to the function of the kidney

Half term 3 Spring
 B5.2 Natural selection and evolution
 B5.2.4a classification
 B5.2.1 natural selection
 B5.2.2. evidence for evolution
 B5.2.3 evolution theories

Half Term 1 Autumn:
 B2.1 Supplying the cell continued
 B2.1.4a Mitosis
 B2.1.4b Mitosis 2
 B2.1.5 Differentiation
 B2.1.6 Stem cells

Half term 6 Summer
 B3.2 Hormones
 The menstrual cycle 3.2.3
 Controlling fertility 3.2.4/5
 Plant

Half term 3 Spring:
 B2.2b The challenge of size
 Transport in a plant
 Movement through a plant
 Factors affecting transpiration

Half term 4 Spring:
 The nervous system b3.1
 Nervous responses and reflex action
 B3.1.3 The eye
 B3.1.3 How we see and sight problems

YEAR 10

End of year assessment

You will sit a formal examination in all three sciences that will then be used as a basis for Year 10 setting



Half term 6 Summer:
 B2.1 Supplying the cell
 B2.1.1 diffusion
 B2.1.2 Osmosis theory and practical
 B2.1.3 Active transport

Half term 2 Autumn:
 The challenge of size
 B2.2A
 B2.2.1a Exchange surface types and practical's
 B2.2.2 Heart dissection and heart theory
 B2.2.3 Blood vessels and the blood

How science works skills woven through the year

Half term 4 Spring: What happens in cells
 B1.2.1 DNA
 B1.2.1 Extracting DNA
 B1.2.2 Transcription and translation

Baseline assessments to inform setting



Half term 1 Autumn:
 Cell- level systems
 B1.1 Cell Structures
 Microscopes, light and electron
 Cell structures
 In class assessment

Half term 5 Summer:
 B1.2.3 Enzymes
 B1.2.3 Enzyme practical's
 B1.2.4 Enzyme reactions

Half term 3 Spring
 Photosynthesis
 B1.4.2 Photosynthesis experiments
 B1.4.3 Factors affecting photosynthesis
 B1.4.4 Interaction of limiting factors

welcome

YEAR 9

You will study a range of topics across all three sciences. The Biology, Chemistry and Physics topics are common to all in Year 9

Half term 2 Autumn: Cell-level systems part 2
 B1.3 Respiration
 B1.2.1 Carbohydrates, proteins and lipids
 B1.3.2 Aerobic respiration

Build a solid foundation in education

WOODHOUSE ACADEMY/JAMES BATEMAN

PRIMARY SCHOOL

Sit SATS in Y6



Develop a lifelong love of learning