

The Henslow School Annual Planning Overview

*This is a summary for parents, carers and students which shows the likely areas of study.
It will be adapted by the teacher to suit groups and individuals.*

Subject/Qualification	GCSE BIOLOGY
Year group/Class information	Year 10
Approx Number of lessons per week	4
Term	Topic/Course Information
Autumn 1 (Sep - Oct)	SB1 Key Concepts in Biology <ul style="list-style-type: none"> • Microscopes • Plant and animal cells • Specialised cells • Inside bacteria • Enzymes and nutrition • Testing foods • Transporting substances
Autumn 2 (Nov - Dec)	SB2 Cells and Control <ul style="list-style-type: none"> • Mitosis • Growth in animals and plants • Stem cells • The brain • The nervous system • The eye • Neurotransmission speeds
Spring 1 (Jan - Feb)	SB3 Genetics <ul style="list-style-type: none"> • Sexual and asexual reproduction • Meiosis • DNA • Mendel • Inheritance • Gene mutation • Variation
Spring 2 (Mar - Apr)	SB4 Natural Selection and Genetic Modification <ul style="list-style-type: none"> • Human Evolution • Darwin's Theory • Classification • Breeds and Varieties • Tissue culture • GM and agriculture • Fertilisers and biological control
Summer 1 (Apr - May)	SB9 Ecosystems and Material Cycles <ul style="list-style-type: none"> • Ecosystems • Energy transfer • Abiotic factors and Biotic factors • Parasitism and mutualism • Biodiversity and humans • Food security • The water cycle, the carbon cycle, the nitrogen cycle • Rates of decomposition
Summer 2 (June - July)	Required practicals and revision or catch up time.