



Biology Combined Year 9

KS3
Curriculum Details

Modules	Content	Homework	Parent / Carer Support
B5 Communicable Diseases	Health and Disease Causes of Disease Preventing infections Human Defense Responses	The students are given a homework book, either higher tier or foundation tier based on their Kimberley School Target.	Help them revise using revision cards.
B6 Preventing and Treating Disease	Vaccination Antibiotics and Painkillers Discovering Drugs Developing Drugs	The students will be allocated pages to complete in this book for homework, which correspond to the lessons taught in class. In addition, questions may be set covering the following areas: <ul style="list-style-type: none">· Long answer questions.· Practical write-ups.· Revision & flashcards.· Key words.	Help them revise from the classwork books. Ensure they complete homework on time. Encourage them to ask their teachers for help if they are stuck.
B7 Non-communicable Diseases	Cancer Smoking Diet and Exercise Alcohol and other carcinogens		

Exam Board: AQA



Biology Combined Year 10

KS4 Curriculum Details

Modules	Content	Homework	Parent / Carer Support
B1 Cell Structure and Cell Division	<ul style="list-style-type: none"> · Microscopes · Animal and Plant Cells · Eukaryotic and Prokaryotic Cells · Specialised Animal and Plant Cells · Mitosis 	<p>The students are given a homework book, either higher tier or foundation tier based on their Kimberley School Target.</p> <p>The students will be allocated pages to complete in this book for homework, which correspond to the lessons taught in class.</p>	<p>Help them revise using revision cards.</p> <p>Help them revise from the classwork books.</p>
B2 and B3 Stem Cells, Organisation and The Digestive System	<ul style="list-style-type: none"> · Differentiation · Stem Cells · Tissues and Organs · The Digestive System · Enzymes 	<p>In addition, questions may be set covering the following areas:</p> <ul style="list-style-type: none"> · Long answer questions. · Practical write-ups. · Revision & flashcards. · Key words. 	<p>Ensure they complete homework on time.</p> <p>Encourage them to ask their teachers for help if they are stuck</p>
B4 Organising Animals and Plants	<ul style="list-style-type: none"> · The Blood · The Heart · Breathing · Gas Exchange · Tissues and Organs in Plants · Transport Systems in Plants · Transpiration 		
B8 Photosynthesis	<ul style="list-style-type: none"> · The Rate of Photosynthesis · How Plants use Glucose · Making the most of Photosynthesis 		
B9 Respiration	<ul style="list-style-type: none"> · Aerobic Respiration · Exercise · Anaerobic respiration · Metabolism and the Liver 		
B10 Homeostasis	<ul style="list-style-type: none"> · Homeostasis · Nervous System · Reflex Actions 		



Biology Combined

Year 11

KS4
Curriculum Details

Modules	Content	Homework	Parent / Carer Support
B11 Hormonal Coordination	Hormonal Control Blood Glucose Diabetes Negative Feedback Human Reproduction Menstrual Cycle Contraception Infertility	The students are given a homework book, either higher tier or foundation tier based on their Kimberley School Target. The students will be allocated pages to complete in this book for homework, which correspond to the lessons taught in class. In addition, questions may be set covering the following areas:	Help them revise using revision cards. Help them revise from the classwork books. Ensure they complete homework on time. Encourage them to ask their teachers for help if they are stuck
B13 Reproduction	Types of Reproduction Meiosis DNA Inheritance Genetics Inherited Disorders Screening for Genetic Disorders	<ul style="list-style-type: none"> · Long answer questions. · Practical write-ups. · Revision & flashcards. · Key words. 	
B14 Variation and Evolution	Variation Natural selection Selective Breeding Genetic Engineering Ethics		
B15 Genetics and Evolution	Evidence for Evolution Fossils Extinction Antibiotic Resistance Classification		
B16 Adaptation, Interdependence, competition	Communities Environment Distribution Competition Adaptations		
B17 Organising an Ecosystem	Food Chains Materials Cycling The Carbon cycle		
B18 Biodiversity and Ecosystems	Human Population Pollution Deforestation Global Warming Biodiversity		

Study Guides Available:

CGP Study and Question books (will last until the end of Y9) - Purchase via sQuid and collect from the science department.

CGP workbook, exam practice question and answers books. These books cover the whole course (Y10 and Y11) - Purchase online (£14) through sQuid, and can be collected from Mr Murray in S9.

AQA Biology for GCSE Combined Science: Trilogy. Higher/Foundation Workbook provided by free the Science Department for use in class or at home.

BBC Bitesize Key Stage 3 - www.bbc.co.uk/bitesize

<http://www.expertguidance.co.uk>

Extra parental support

- Ensuring students complete homework on time.
- Encouraging them to seek help if they are struggling.
- Supporting students to revise for end of chapter tests.
- Helping students to review tests to see where to improve and set targets to ensure progress.