

Year 10
SEPARATE SCIENCE BIOLOGY

Subject Title	GCSE Biology
Exam board	AQA
Specification code	8461
Entry Level	Foundation and Higher Tier
Exam details	<p>Two papers Duration – 1hour 45 minutes; 100 marks per paper Each paper 50% of GCSE Questions: Multiple choice, structure, closed short answer and open response</p> <p>Biology Paper 1 Topics 1–4: Cell biology; Organisation; Infection and response; and Bioenergetics.</p> <p>Biology Paper 2 Topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.</p>
Setting arrangements	N/A
Time allowed	12 lessons per fortnight 12 x 50 minutes
Textbooks and revision guides	<p>Textbooks AQA GCSE Biology – 978-0-19-835937-1 On line version of text book is provided</p> <p>Revision Guide CGP – GCSE Biology ISBN:978-1-78-294556-7</p>
Homework information	2 Homeworks per week x 50 minutes Exam style questions; Research; Assessment; Revision; and Retrieval practice

Term	Topics	Skills	Assessment
1	Review – infection and response	Practical and investigation skills.	Formative skills assessments focusing on required practicals.

	Plant tissues, organs and systems	Information retrieval. Listening and observing. Scientific reading. Data representation. Scientific writing. Knowledge presentation. Mathematical skills.	Retrieval practice – exam style questions
2	Bioenergetics Plant diseases Culturing microorganisms	Practical and investigation skills. Information retrieval. Listening and observing. Scientific reading. Data representation. Scientific writing. Knowledge presentation. Mathematical skills.	Formative skills assessments focusing on required practicals. Retrieval practice – exam style questions End of topics test – terms 1-2 content
3		Practical and investigation skills. Information retrieval. Listening and observing. Scientific reading. Data representation. Scientific writing. Knowledge presentation. Mathematical skills.	Formative skills assessments focusing on required practicals. Retrieval practice – exam style questions Year 10 Exam
4		Practical and investigation skills. Information retrieval. Listening and observing. Scientific reading. Data representation. Scientific writing. Knowledge presentation.	Formative skills assessments focusing on required practicals. Retrieval practice – exam style questions End of topic test – Terms 3-4 content

		Mathematical skills.	
5	Animal tissues, organs and organ systems	<p>Practical and investigation skills.</p> <p>Information retrieval.</p> <p>Listening and observing.</p> <p>Scientific reading.</p> <p>Data representation.</p> <p>Scientific writing.</p> <p>Knowledge presentation.</p> <p>Mathematical skills.</p>	<p>Formative skills assessments focusing on required practicals.</p> <p>Retrieval practice – exam style questions</p>
6	Ecology	<p>Practical and investigation skills.</p> <p>Information retrieval.</p> <p>Listening and observing.</p> <p>Scientific reading.</p> <p>Data representation.</p> <p>Scientific writing.</p> <p>Knowledge presentation.</p> <p>Mathematical skills.</p>	<p>Formative skills assessments focusing on required practicals.</p> <p>Retrieval practice – exam style questions</p> <p>End of topic test – Terms 5-6 content</p>
Links to websites and revision materials:		<p>Online text book - https://www.kerboodle.com/users/login</p> <p>Revision resources https://www.bbc.co.uk/bitesize/subjects/zrkw2hv</p> <p>Quizzes https://www.educationquizzes.com/gcse/science/</p> <p>https://senecalearning.com/en-GB/</p>	