



Make the grade

Empowered to Learn

Year 13 BIOLOGY Revision Programme 2023-24

Week commencing	Topics	CGP revision guide pages	AQA Biology Textbook pages	Notes
4th December	3.7.1 Inheritance 3.7.2 Populations	168-175 176-181	152-183 (2) 184-185 (2)	
11th December	3.5.2 Respiration 3.5.1 Photosynthesis	122-127 112-121	19-33 (2) 4-18 (2)	
18th December	3.5.3 Energy and Ecosystems 3.7.3 Evolution and speciation	128-130 176-181	34-41 (2) 187-201 (2)	(Break for Christmas next week)
1st January	3.7.4 Populations and ecosystems 3.5.4 Nutrient cycles Required practicals 7, 8, 9 and 12	182-191 132-135	202-227(2) 42-51 (2)	
8th January	3.6.1 Response to stimuli Required practical 10	138-145	62-81(2)	Test 2 (Units 5 and 7)
15th January	3.8.1 Mutations Maths skills and statistics	194-195	236-239 (2)	
22nd January	3.6.2 Nervous co-ordination	146-151	82-102 (2)	
29th January	3.8.2 Gene expression	196-209	234-265 (2)	
5th February	3.1.2 Carbohydrates 3.1.3 Lipids 3.1.6 ATP 3.2.1 Cell structure Required practical 1	2-5 6-7 22 26-32	4-15 (1) 16-18 (1) 46-47 (1) 58-76 (1)	Mock paper 2



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12th February	3.1.4 Proteins and enzymes 3.1.7 Water 3.1.8 Inorganic Ions 3.1.5 Nucleic acids Required practical 2	8-15 20-21 23 16-19	19-33 (1) 48-49 (1) 49 (1) 36-45 (1)	
19th February	3.2.2 Cell cycle and mitosis 3.2.3 Transport across membranes Required practical 3 and 4	34-37 38-45	77-81 (1) 84-98 (1)	
26th February	3.2.4 Cell recognition and immune System 3.4.5 3.3.2 Gas exchange 3.3.3 Digestion and absorption Required practical 5 and 6	46-55 58-69 70	102-122(1) 130-146 (1) 151-157 (1)	
4th March	3.4.1 DNA, genes and chromosomes 3.4.2 DNA and protein synthesis 3.3.4 Mass transport Maths skills and statistics	88 90-93 72-85	200-210(1) 211-217 (1) 161-193 (1)	
11th March	Muscle Homeostasis Required practical 11	152-155 156-165	103-111 (2) 114-142 (2)	
18th March	Recombinant DNA technology	210-221	266-291 (2)	
25th March	3.4.3 Genetic diversity 3.4.6 and 3.4.7 Biodiversity Maths skills and statistics	94-107 108-109	220-234 (1) 237-256 (1)	

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1st April	Carbohydrates, Lipids, Photosynthesis, Transport across membranes	2-7 112-121	4-18 (1) 4-16 (2) 84-98 (1)	
8th April	Proteins, ATP, Inorganic Ions, Nucleic acids, Water Cells and cell division	8-21 34-37	19-49 (1) 58-81 (1)	
15th April	Gas exchange, Energy and Ecosystems Nutrient cycles	58-69	130-157 (1) 34-50 (2)	Mock paper 3
22nd April	Mass transport, Populations Populations and evolution	72-84 182-191 176-181	161-195 (1) 202-227 (2) 184-195 (2)	
29th April	Cell recognition and immune system, Gene expression	46-55 234-263	102-123 (1) 236-263 (2)	
6th May	DNA, Genes and Protein synthesis, Response to stimuli	88-93 138-145	202-216 (1) 62-79(2)	
13th May	Genetic diversity, Biodiversity, Respiration	94-109 122-127	220-256 (1) 19-30 (2)	
20th May	Nervous coordination and muscle Inherited change	146-153 168-175	82-111 (2) 154-181 (2)	
27th May	Recombinant DNA technology, Homeostasis	210-221 156-165	266-291 (2) 114-142 (2)	
3rd June	Practicals 1-6 Statistical tests Maths skills			Exams
10th June	Practicals 7-12 Statistical tests Maths skills			Exams

Key dates

Test 2 (units 5 and 7): 10th January 2024

Mock paper 2: w/b 5th February 2024

Mock paper 3: w/b 15th April 2024

Final exams:

Paper 1: 5th June 2024

Paper 2: 14th June 2024

Paper 3: 19th June 2024

Revision resources available:

- **After school revision sessions (Wednesdays - timetable available)**
 - Day 3: Year 13 high achievers group**
 - Day 8: Revise year 12 content**
- CGP Revision Guide and CGP summary cards
- AQA Biology textbook
- Exam question banks on student shared area and past papers on AQA website
- Revision videos (e.g. freesciencelessons.co.uk) and revision apps
- **Specification in the course booklet (use as a revision checklist)**
- Synoptic essay booklet