

Content



Pods



Check & Challenge



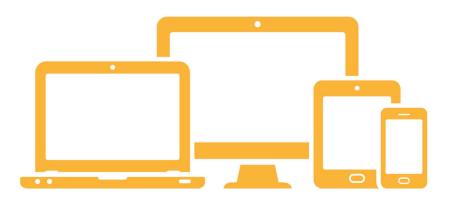
Ready Made Assignment



Additional Resources



In Production





Biology

AQA

4.1/Cell biology

4.1.2/Cell division

Growth and Multicellular Organisms	BIOL-2194	\triangleright		
Stem Cell Technology	BIOL-2212	\triangleright		
Stem Cells (Part 2)	BIOL-2015	\triangleright		
The Cell Cycle	BIOL-2003	\triangleright		
Mitosis	BIOL-2004	\triangleright		
Stem Cells	BIOL-2014	\triangleright	\bigcirc	
4.1.1/Cell structure				

Bacterial Growth	BIOL-2019		
Cell Differentiation	BIOL-2191		
Unspecialised Plant Cells	BIOL-2113		
Cell Structures and Microscopes	BIOL-2192		

4.1.3/Transport in cells

Diffusion and Active Transport	BIOL-2105	\bigcirc	
Gas Exchange in Humans	BIOL-2172		
Osmosis	BIOL-2092		
Surface-Area-To-Volume Ratio	BIOL-2109		

Getting Ready for KS4 (GCSE)

Getting Ready for KS4 (GCSE) Biology

Getting Ready for KS4 (GCSE)	GRF-01-001		
Diffusion and Active Transport	BIOL-2105		
Cell Differentiation	BIOL-2191		
Aerobic Respiration	BIOL-2167		
Anaerobic Respiration	BIOL-2168		
Using Energy from Respiration	BIOL-2170		
Importance of Diet	BIOL-2001		

Symbol Keys

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Cell Structures and Microscopes	BIOL-2192		
The Digestive System	BIOL-2188		
Speciation	BIOL-2229		
Photosynthesis	BIOL-2087		
Natural Selection	BIOL-2049		
Products of Photosynthesis	BIOL-2089		
Variation	BIOL-2050		
Competition	BIOL-2011		
Carbon Cycle	BIOL-2084	\triangleright	
Human reproduction	BIOL-2234		
History of DNA	BIOL-2026		
Fertilisation and germination	BIOL-2238		
Evidence for Human Evolution	BIOL-2021		
Gas Exchange in Humans	BIOL-2172		
Menstruation	BIOL-2249		
Reproduction in plants	BIOL-2236		
Limiting Factors	BIOL-2090	\triangleright	
Investigate the Effect of a Factor on Human Reaction Time	BIOL-40-008		
Gas Exchange In Plants	BIOL-2110		
Investigating the Factors Affecting the Rate of Photosynthesis	BIOL-40-003		
Investigation into Variation in Organisms	BIOL-40-017		

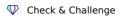
4.2/Organisation

4.2.2/Animal tissues, organs and organ systems

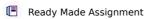
Lock-and-Key Hypothesis	BIOL-2175		
Digestive Enzymes	BIOL-2176		
What is Blood?	BIOL-2180		
Enzymes	BIOL-2174		
The Circulatory System	BIOL-2184		
Pacemaker	BIOL-2186		
Heart Disease and Risk Factors	BIOL-2183		
Disease Transmission	BIOL-2044		

Symbol Keys

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	Importance of Diet	BIOL-2001			
	Smoking	BIOL-2063			
	Alcohol Abuse	BIOL-2064			
	Infection	BIOL-2073	\triangleright		
	Cancer	BIOL-2217	\triangleright		
	The Circulatory System (Part 2)	BIOL-2185			
	4.2.3/Plant tissues, organs and systems				
	Plant Organs	BIOL-2106			
	Transpiration	BIOL-2091	\triangleright	\bigcirc	
	Plant Structures	BIOL-2111	\triangleright		
4.	3/Infection and response				
	4.3.1/Communicable diseases				
	Sexually transmitted infections	BIOL-2250			
	Viruses	BIOL-2043		\bigcirc	
	Disease Prevention	BIOL-2045			
	The Immune Response	BIOL-2069		\bigcirc	
	Body Defence	BIOL-2068	\triangleright	\bigcirc	
	Vaccines	BIOL-2072	\triangleright		
	Immunisation	BIOL-2016	\triangleright		
	Immunisation Programmes	BIOL-2017	\triangleright		
	Resistance	BIOL-2071	\triangleright	\bigcirc	
	Antimicrobials and Antibiotics	BIOL-2070	\triangleright	\bigcirc	
	Developing New Drugs	BIOL-2066	\triangleright		
	Drug Trials	BIOL-2038	\triangleright	\bigcirc	
	4.3.2/Monoclonal antibodies				
	Monoclonal Antibodies	BIOL-2018		\bigcirc	
	4.3.3/Plant disease				
	Plant Defences and Communication	BIOL-2093			

4.4/Bioenergetics

4.4.1/Photosynthesis



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	Photosynthesis	BIOL-2087			
	Products of Photosynthesis	BIOL-2089			
	Plant growth	BIOL-2252			
	Limiting Factors	BIOL-2090	\triangleright		
	Gas Exchange In Plants	BIOL-2110			
	4.4.2/Respiration				
	Respiration	BIOL-2166			
	Aerobic Respiration	BIOL-2167			
	Anaerobic Respiration	BIOL-2168			
	Using Energy from Respiration	BIOL-2170			
	Cell Metabolism	BIOL-2159		\bigcirc	
4.	5/Homeostasis and response				
	4.5.1/Homeostasis				
	Homeostasis	BIOL-2006			
	4.5.2/The human nervous system				
	The Central Nervous System	BIOL-2148			
	Synapses	BIOL-2151		\bigcirc	
	The Reflex Arc	BIOL-2149			
	Reflexes	BIOL-2154			
	Receptors and Effectors	BIOL-2157			
	Mapping the Brain	BIOL-2152			
	The Eye	BIOL-2153			
	Thermoregulation	BIOL-2007			
	4.5.3/Hormonal coordination in humans				
	Type 1 Diabetes	BIOL-2008		\bigcirc	
	Type 2 Diabetes	BIOL-2009	\triangleright	\bigcirc	
	Hormones	BIOL-2139			
	Water Regulation	BIOL-2162			
	Osmoregulation	BIOL-2165			
	The Kidney	BIOL-2163			
	The Nephron	BIOL-2161			

Symbol Keys















The Urinary System	BIOL-2160		\bigcirc	
Dialysis	BIOL-2164			
Female Hormones	BIOL-2140	\triangleright	\bigcirc	
Menstruation	BIOL-2249			
Controlling Fertility	BIOL-2141		\bigcirc	
Treating Infertility	BIOL-2145		\bigcirc	
Human reproduction	BIOL-2234	\triangleright	\bigcirc	
4.5.4/Plant hormones				
Tropisms	BIOL-2077			
Uses of Plant Hormones	BIOL-2078			

4.6/Inheritance, variation and evolution

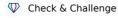
4.6.3/The development of understanding of genetics and evolution

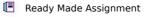
Genetic Variation	BIOL-2035		
Darwin's Theory of Evolution (Part 2)	BIOL-2048		
Evidence for Human Evolution	BIOL-2021		
History of DNA	BIOL-2026		
The Fossil Record	BIOL-2051		
Bacteria	BIOL-2041		
Extinction	BIOL-2012		
Darwin's Theory of Evolution	BIOL-2047		
Natural Selection	BIOL-2049		

4.6.1/Reproduction			
Genes	BIOL-2052		
Protein Synthesis	BIOL-2173		
Fetal Screening	BIOL-2147		
Sperm and egg	BIOL-2235		
Reproduction in plants	BIOL-2236		
Meiosis	BIOL-2005		
DNA (Part 1)	BIOL-2024		
Pollination	BIOL-2237		

Symbol Keys

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	DNA (Part 2)	BIOL-2025			
	Alleles	BIOL-2053			
	Sex Inheritance	BIOL-2055			
	Genetic Disorders	BIOL-2031			
	Genetic Testing	BIOL-2036			
	Monohybrid Inheritance	BIOL-2057			
	Fertilisation and germination	BIOL-2238		\bigcirc	
	4.6.2/Variation and evolution				
	Genetic Engineering	BIOL-2027			
	Selective breeding	BIOL-2242			
	Arguments For and Against GM	BIOL-2028			
	Cloning (Animals)	BIOL-2030			
	Speciation	BIOL-2229			
	Variation	BIOL-2050	\triangleright	\bigcirc	
	4.6.4/Classification of living organisms				
	The Five Kingdoms	BIOL-2135			
	Why do we Classify? And what is a Species?	BIOL-2137			
4.	7/Ecology				
	4.7.1/Adaptations, interdependence and competition				
	Maintaining Ecosystems and Preventing Ecosystem Loss	BIOL-2115	\triangleright		
	Adaptations	BIOL-2046			
	Extreme Conditions	BIOL-2103			
	Competition	BIOL-2011		\bigcirc	
	4.7.3/Biodiversity and the effect of human interaction on ecosystems				
	Global Population Change	BIOL-2013			
	What Is Biodiversity?	BIOL-2075			
	Waste from Human Activities	BIOL-2118			
	Global Pollution	BIOL-2123			
	Deforestation & Peat Removal	BIOL-2119		\bigcirc	
	The greenhouse effect	BIOL-2243			

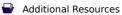
Symbol Keys ▶ Pods















4.7.5/Food production

Using Resources	BIOL-2121			
Fish farming	BIOL-2240	\triangleright		
Conservation	BIOL-2124		\bigcirc	
Genetic Modification	BIOL-2032		\bigcirc	
Sustainable Food	BIOL-2120			
Genetically Modifying Bacteria	BIOL-2033		\bigcirc	
Towards a Sustainable Use of Resources	BIOL-2122			
Sustainability	BIOL-2125		\bigcirc	
Microorganisms for Food	BIOL-2098			

4.7.2/Organisation of an ecosystem

Carbon Cycle	BIOL-2084		
Decay Processes	BIOL-2104	\bigcirc	
Food chains and webs	BIOL-2251	\bigcirc	
The water cycle	BIOL-2233	\bigcirc	
Decay	BIOL-2127	\bigcirc	
Human Systems	BIOL-2117	\bigcirc	
How to do Fieldwork	BIOL-2107	\bigcirc	

4.7.4/Trophic levels in an ecosystem

Energy from Biomass	BIOL-2131		
Modern Farming	BIOL-2129		
Organic Farming	BIOL-2130		
Energy Transfer	BIOL-2079		
Eutrophication	BIOL-2081		

Biology Practicals

Biology Practicals

Using a Light Microscope to Observe, Draw and Label	BIOL-40-001			
Rates of Enzyme-Controlled Reactions	BIOL-40-002			
Investigate the Relationship Between Organisms and Their Environment using Field-Work Techniques	BIOL-40-004	\triangleright		
Using Qualitative Reagents to Test for a Range of Carbohydrates, Lipids and Proteins	BIOL-40-005	\triangleright	\bigcirc	

Symbol Keys Pods





Investigate the Effect of Antiseptics or Antibiotics on Bacterial Growth Using Agar Plates	BIOL-40-006		\bigcirc	
Investigate the Effect of a Range of Concentrations of Salt or Sugar Solutions on the Mass of Plant Tissue	BIOL-40-007	\triangleright	\bigcirc	
Investigate the Effect of Light or Gravity on the Growth of Newly Germinated Seedlings	BIOL-40-011	\triangleright	\bigcirc	
Investigation into Factors Affecting Decomposition	BIOL-40-013	\triangleright	\bigcirc	
Investigating the Factors Affecting the Rate of Photosynthesis (Higher)	BIOL-40-019			
Investigate the Effect of a Factor on Human Reaction Time	BIOL-40-008	\triangleright		
Investigating the Factors Affecting the Rate of Photosynthesis	BIOL-40-003	\triangleright	\bigcirc	

Revision Skills and Tips - Biology

Revision and Study Skills

Introduction	REV-001-004-001	
Planning for Revision	REV-001-004-002	
Developing Independent Study Skills for Success	REV-001-004-003	
Managing Exam Stress	REV-001-004-004	
Keeping Your Brain Active During Revision	REV-001-004-005	
Summary	REV-001-004-006	
Web Links	REV-001-004-007	

Revision and Exam Tips

Introduction	REV-001-008-001	
Knowing What You Face	REV-001-008-002	
Creating a Revision Programme	REV-001-008-003	
What Techniques Should You Use to Revise Biology?	REV-001-008-004	
Exam Tips	REV-001-008-005	
Summary	REV-001-008-006	
Web Links	REV-001-008-007	

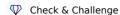
GCSEPod's Top Revision Tips

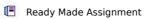
REV-011-001 D GCSEPod's Top Revision Tips

Getting Ready for KS5 (A Level)



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Getting Ready for KS5 (A Level) Biology

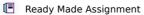
coming months (in according to the grand g			
Getting Ready for KS5 (A Level)	GRF-01-002		
Polymerisation	CHEM-2046		
Lock-and-Key Hypothesis	BIOL-2175		
Transpiration	BIOL-2091		
Condensation polymerisation	CHEM-2149		
Diffusion and Active Transport	BIOL-2105		
Enzymes	BIOL-2174		
DNA (Part 1)	BIOL-2024		
DNA (Part 2)	BIOL-2025		
Alleles	BIOL-2053		
Cell Structures and Microscopes	BIOL-2192		
Darwin's Theory of Evolution	BIOL-2047		
Speciation	BIOL-2229		
Darwin's Theory of Evolution (Part 2)	BIOL-2048		
Variation	BIOL-2050		
Natural Selection	BIOL-2049		
Monohybrid Inheritance	BIOL-2057		
The Cell Cycle	BIOL-2003		
Mitosis	BIOL-2004		
Meiosis	BIOL-2005		
Stem Cells	BIOL-2014		
Osmosis	BIOL-2092		
Surface-Area-To-Volume Ratio	BIOL-2109		
Aerobic Respiration	BIOL-2167		
Anaerobic Respiration	BIOL-2168		
Using Energy from Respiration	BIOL-2170		
Photosynthesis	BIOL-2087		
Products of Photosynthesis	BIOL-2089		
Limiting Factors	BIOL-2090		
The Circulatory System	BIOL-2184	\triangleright	
The Circulatory System (Part 2)	BIOL-2185	\triangleright	
The Digestive System	BIOL-2188		

Symbol Keys













Gas Exchange In Plants	BIOL-2110		
Importance of Diet	BIOL-2001		
Antimicrobials and Antibiotics	BIOL-2070	\triangleright	
Monoclonal Antibodies	BIOL-2018		
Immunisation	BIOL-2016		
Vaccines	BIOL-2072		

Symbol Keys





