

Biology Curriculum and Assessment Map

Term	Date	Week	Year 7	Year 8	Year 9	Year 10	Year 11	
Autumn A	05-Sep	1	See Combined Science for Key Stage 3	See Combined Science for Key Stage 3	See Combined Science	Cell structure and transport part 2 which includes: diffusion, osmosis, osmosis in plants, active transport and surface area to volume ratio	Reproduction: types of reproduction, cell division and reproduction, DNA and the genome, DNA structure, Gene expression and mutation, inheritance, inherited Variation and evolution: Variation, evolution by natural selection, selective breeding, genetic engineering, cloning ,	
	12-Sep	2						
	19-Sep	1						
	26-Sep	2						
	03-Oct	1						
	10-Oct	2						
17-Oct	1	24-Oct	October Half-Term	October Half-Term	October Half-Term	October Half-Term	October Half-Term	Revision for mock exams
Autumn B	31-Oct	2	See Combined Science for Key Stage 3	See Combined Science for Key Stage 3	See Combined Science	Organ systems part 2 (plants only): photosynthesis, leaf structure, vascular tissue (xylem and phloem), translocation, stomata and transpiration organ systems part 2 assessment	Genetics and evolution: History of genetics, theories of evolution, Darwin's ideas, speciation, evidence for evolution, fossils and extinction, antibiotic resistant assessment	
	07-Nov	1						
	14-Nov	2						
	21-Nov	1						
	28-Nov	2						
	05-Dec	1						
	12-Dec	2						
19-Dec	1	26-Dec	Christmas Break	Christmas Break	Christmas Break	Christmas Break	Christmas Break	
Spring A	02-Jan	1	See Combined Science for Key Stage 3	See Combined Science for Key Stage 3	See Combined Science	Communicable diseases: Types of Pathogens 1. Bacteria Preventing communicable diseases: vaccination, antibiotics, painkillers, communicable diseases assessment	Adaptation, interdependence and competition: communities, environment, distribution and abundance, competition in animals and in plants, Adaptation in Organising an ecosystem: feeding relationships, materials recycling, the	
	09-Jan	2						
	16-Jan	1						
	23-Jan	2						
	30-Jan	1						
06-Feb	2	13-Feb	February Half-term	February Half-term	February Half-term	February Half-term	February Half-term	February Half-term
Spring B	20-Feb	1	See Combined Science for Key Stage 3	See Combined Science for Key Stage 3	See Combined Science	Photosynthesis: photosynthesis, the rate of photosynthesis, how plants use Respiration: Aerobic respiration, Response to exercise, Anaerobic respiration, Metabolism, The liver (H tier assessment)	Biodiversity and ecosystems: the human population explosion, land and water pollution, air pollution, deforestation and peat destruction, global warming, impact of change, maintaining biodiversity, assessment	
	27-Feb	2						
	06-Mar	1						
	13-Mar	2						
	20-Mar	1						
27-Mar	2	03-Apr	Easter Break	Easter Break	Easter Break	Easter Break	Easter Break	
Summer A	10-Apr		See Combined Science for Key Stage 3	See Combined Science for Key Stage 3	See Combined Science	Year 10 Exams	Revision for the GCSE exams	
	17-Apr	1						
	24-Apr	2						
	01-May	1						
	08-May	2						
15-May	1	22-May	May Half-term	May Half-term	May Half-term	May Half-term	May Half-term	
Summer B	29-May		See Combined Science for Key Stage 3	See Combined Science for Key Stage 3	See Combined Science	Enrichment week Hormonal coordination: Hormonal control, blood glucose levels, treating diabetes, negative feedback, human Homeostasis in action: Controlling body temperature, removing waste, human control and homeostasis assessment	External Exams	
	05-Jun	0						
	12-Jun	1						
	19-Jun	2						
	26-Jun	1						
	03-Jul	2						
10-Jul	1	17-Jul	2					