

TEACHING FOR MASTERY



'A commitment that virtually ALL students can learn all important academic knowledge to a level of excellence if...

- allowed the *right* amount of time to learn;
- provided with the *appropriate conditions* to learn'.

A MODEL FOR EXCELLENT CURRICULUM DESIGN

Content-specific

- Every piece of knowledge and every skill that students will master in each unit of work will be meticulously specified, along with precise definitions.

Cumulative

- Knowledge and skills are intelligently sequenced and ordered for optimal instruction, ensuring longer time is prioritized for the development of depth and sufficient practice to embed learning. Knowledge and skills from previous units is revisited explicitly and systematically and interleaved to build retention.

Coherence

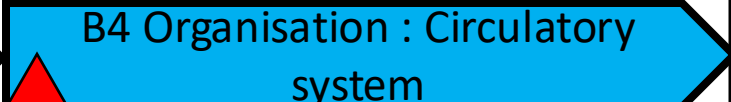
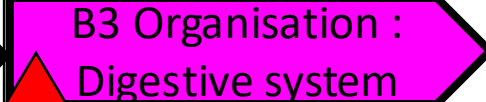
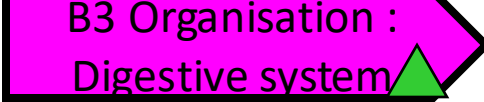
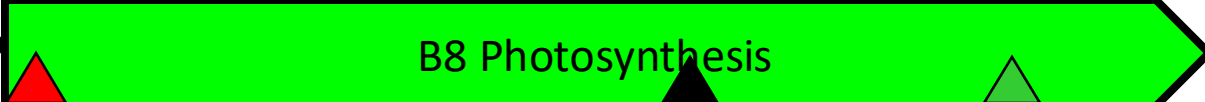
- Instructional sequences are consistently planned and delivered across all stages to ensure students acquire and demonstrate a sufficient grasp of the knowledge, understanding and skills relevant to their year group. Learning objectives for every lesson are explicit.

Challenge

- All students are challenged through depth, but also supported through careful scaffolding. All students are expected to become 'experts' in each key idea.

Y9 Biology: LONG TERM OVERVIEW 2026-27

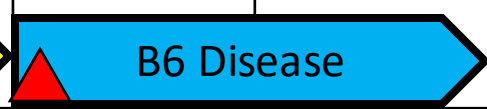
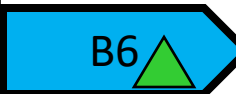
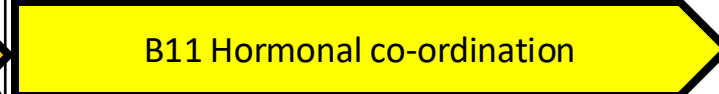
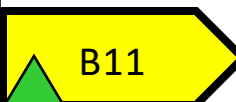
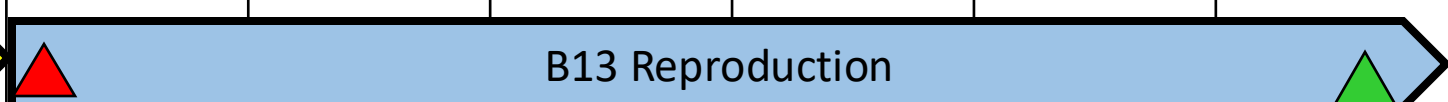
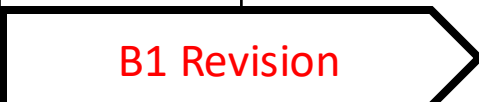
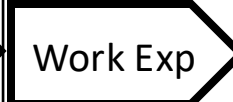
 Pre Unit Assessment
 Post-Unit Assessment
 Summative Assessment

Autumn 1	01.09.26	07.09.26	14.09.26	21.09.26	28.09.26	05.10.26	12.10.26	19.10.26	HALF TERM
									
Autumn 2	02.11.26	09.11.26	16.11.26	23.11.26	30.11.26	07.12.26	14.12.26	XMAS	
									
Spring 1	04.01.27	11.01.27	18.01.27	25.01.27	01.02.27	08.02.27	HALF TERM		
									
Spring 2	22.02.27	01.03.27	08.03.27	15.03.27	22.03.27	EASTER			
									
Summer 1	12.04.27	19.04.27	26.04.27	03.05.27	10.05.27	17.05.27	24.05.27	HALF TERM	
									
Summer 2	07.06.27	14.06.27	21.06.27	28.06.27	05.07.27	12.07.27	19.07.27	SUMMER	
									



Y10 Biology (Combined): LONG TERM OVERVIEW 2026-27

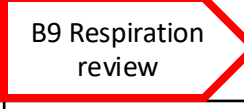
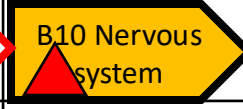
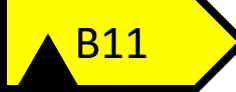
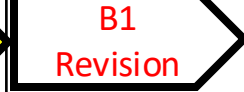
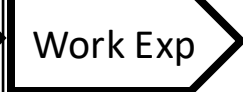
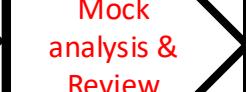
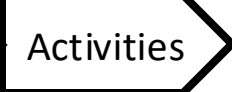
-  Pre Unit Assessment
-  Post-Unit Assessment
-  Summative Assessment

Autumn 1	01.09.26	07.09.26	14.09.26	21.09.26	28.09.26	05.10.26	12.10.26	19.10.26	HALF TERM
	 B8 Photosynthesis				 B4 Organisation in plants				
Autumn 2	02.11.26	09.11.26	16.11.26	23.11.26	30.11.26	07.12.26	14.12.26	XMAS	
	 B5 Communicable disease				 B6 Disease				
Spring 1	04.01.27	11.01.27	18.01.27	25.01.27	01.02.27	08.02.27	HALF TERM		
	 B6	 B7 Disease		 B9 Respiration review	 B2 Cell Division				
Spring 2	22.02.27	01.03.27	08.03.27	15.03.27	22.03.27	EASTER			
	 B10 Nervous system		 B11 Hormonal co-ordination						
Summer 1	12.04.27	19.04.27	26.04.27	03.05.27	10.05.27	17.05.27	24.05.27	HALF TERM	
	 B11	 B13 Reproduction							
Summer 2	07.06.27	14.06.27	21.06.27	28.06.27	05.07.27	12.07.27	19.07.27	SUMMER	
	 B1 Revision		 Mocks		 Work Exp	 Mock analysis & Review	 Activities		

-  Pre Unit Assessment
-  Post Unit Assessment
-  Summative Assessment
-  Required Practical

Y10 Biology (Triple): LONG TERM OVERVIEW 2026-27

-  Pre Unit Assessment
-  Post-Unit Assessment
-  Summative Assessment

Autumn 1	01.09.26	07.09.26	14.09.26	21.09.26	28.09.26	05.10.26	12.10.26	19.10.26	HALF TERM
	 B8 Photosynthesis				 B4 Organisation in plants				
Autumn 2	02.11.26	09.11.26	16.11.26	23.11.26	30.11.26	07.12.26	14.12.26	XMAS	
	 B5 Communicable disease								
Spring 1	04.01.27	11.01.27	18.01.27	25.01.27	01.02.27	08.02.27	HALF TERM		
	 B6 Disease				 B7 Disease				
Spring 2	22.02.27	01.03.27	08.03.27	15.03.27	22.03.27	EASTER			
	 B2 Cell Division			 B9 Respiration review	 B10 Nervous system				
Summer 1	12.04.27	19.04.27	26.04.27	03.05.27	10.05.27	17.05.27	24.05.27	HALF TERM	
	 B10 Nervous system				 B11 Hormonal co-ordination				
Summer 2	07.06.27	14.06.27	21.06.27	28.06.27	05.07.27	12.07.27	19.07.27	SUMMER	
	 B11	 B1 Revision	 Mocks		 Work Exp	 Mock analysis & Review	 Activities		

-  Pre Unit Assessment
-  Post Unit Assessment
-  Summative Assessment
-  Required Practical

Y11 Biology (Combined): LONG TERM OVERVIEW 2026-27

-  Pre Unit Assessment
-  Post-Unit Assessment
-  Summative Assessment

Autumn 1	01.09.26	07.09.26	14.09.26	21.09.26	28.09.26	05.10.26	12.10.26	19.10.26	HALF TERM
	B13 Reproduction						B14 Variation & Evolution		
Autumn 2	02.11.26	09.11.26	16.11.26	23.11.26	30.11.26	07.12.26	14.12.26	XMAS	
	B14	B15 Genetics & Evolution			B16 Adaptations, interdependence & Competition				
Spring 1	04.01.27	11.01.27	18.01.27	25.01.27	01.02.27	08.02.27	HALF TERM		
	B16		B17 Organising an ecosystem			Mocks			
Spring 2	22.02.27	01.03.27	08.03.27	15.03.27	22.03.27	EASTER			
	Mocks	B18 Biodiversity & Ecosystems							
Summer 1	12.04.27	19.04.27	26.04.27	03.05.27	10.05.27	17.05.27	24.05.27	HALF TERM	
	Paper 2 Review	Paper 1 Revision			Paper 1	Paper 2 Revision			
Summer 2	07.06.27	14.06.27	21.06.27	28.06.27	05.07.27	12.07.27	19.07.27	SUMMER	

-  Pre Unit Assessment
-  Post Unit Assessment
-  Summative Assessment
-  Required Practical

Y11 Biology (Triple): LONG TERM OVERVIEW 2026-27

-  Pre Unit Assessment
-  Post-Unit Assessment
-  Summative Assessment

Autumn 1	01.09.26	07.09.26	14.09.26	21.09.26	28.09.26	05.10.26	12.10.26	19.10.26	HALF TERM
	B11 Hormonal co-ordination					B12 Homeostasis in action			
Autumn 2	02.11.26	09.11.26	16.11.26	23.11.26	30.11.26	07.12.26	14.12.26	XMAS	
	B13 Reproduction					B14 Variation & Evolution			
Spring 1	04.01.27	11.01.27	18.01.27	25.01.27	01.02.27	08.02.27	HALF TERM		
	B15 Genetics & Evolution				B16	Mocks			
Spring 2	22.02.27	01.03.27	08.03.27	15.03.27	22.03.27	EASTER			
	Mocks	B16 Adaptations, interdependence & Competition		B17 Organising an ecosystem					
Summer 1	12.04.27	19.04.27	26.04.27	03.05.27	10.05.27	17.05.27	24.05.27	HALF TERM	
	B17	B18 Biodiversity & Ecosystems			Paper 1	Paper 2 Revision			
Summer 2	07.06.27	14.06.27	21.06.27	28.06.27	05.07.27	12.07.27	19.07.27	SUMMER	

Y12 Biology: Teacher 1: LONG TERM OVERVIEW 2026-27

-  Pre Unit Assessment
-  Post-Unit Assessment
-  Summative Assessment

Autumn 1	01.09.26	07.09.26	14.09.26	21.09.26	28.09.26	05.10.26	12.10.26	19.10.26	HALF TERM
	3.1 Biological Molecules (3.1.1, 3.1.2 Carbs, 3.1.3 Lipids, 3.1.4 Proteins)								
Autumn 2	02.11.26	09.11.26	16.11.26	23.11.26	30.11.26	07.12.26	14.12.26	XMAS	
	3.1 Biological Molecules (3.1.4 Proteins – Enzymes, 3.1.5 Nucleic acids, 3.1.6 ATP, 3.1.7 Water, 3.1.8 Inorganic ions)								
Spring 1	04.01.27	11.01.27	18.01.27	25.01.27	01.02.27	08.02.27	HALF TERM		
	3.1 Biological Molecules (3.1.7 Water, 3.1.8 Inorganic ions)	3.3 Exchange (3.3.1, 3.3.2 Gas exchange)		Work Exp	3.3 Exchange (3.3.2 Gas exchange)				
Spring 2	22.02.27	01.03.27	08.03.27	15.03.27	22.03.27	EASTER			
	3.3 Exchange (3.3.2 Gas exchange, 3.3.3 Digestion & Absorption)								
Summer 1	12.04.27	19.04.27	26.04.27	03.05.27	10.05.27	17.05.27	24.05.27	HALF TERM	
	3.3 Exchange (3.3.4 Mass Transport – Animals & Plants)								
Summer 2	07.06.27	14.06.27	21.06.27	28.06.27	05.07.27	12.07.27	19.07.27	SUMMER	
	Revision for mocks	Mocks		3.5.3 Photosynthesis		Activities			

-  Pre Unit Assessment
-  Post Unit Assessment
-  Summative Assessment
-  Required Practical

Y12 Biology: Teacher 2: LONG TERM OVERVIEW 2026-27

 Pre Unit Assessment
 Post-Unit Assessment
 Summative Assessment

Autumn 1	01.09.26	07.09.26	14.09.26	21.09.26	28.09.26	05.10.26	12.10.26	19.10.26	HALF TERM
	3.2.1 – Eukaryotic Cell structure				3.2.1 Cells, viruses, microscopes		3.2.2		
Autumn 2	02.11.26	09.11.26	16.11.26	23.11.26	30.11.26	07.12.26	14.12.26	XMAS	
	3.2.2 All cells arise from other cells				3.2.3 Transport across Membranes				
Spring 1	04.01.27	11.01.27	18.01.27	25.01.27	01.02.27	08.02.27	HALF TERM		
	3.2.3 Transport across Membranes				Work Exp	3.2.3			
Spring 2	22.02.27	01.03.27	08.03.27	15.03.27	22.03.27	EASTER			
	3.2.4 Cell recognition, immune system								
Summer 1	12.04.27	19.04.27	26.04.27	03.05.27	10.05.27	17.05.27	24.05.27	HALF TERM	
	3.4.1, 3.4.2 Genetic information		3.4.3, 3.4.4, 3.4.5, 3.4.6, 3.4.7- Genetic mutation, Diversity, Adaptation, Species & Taxonomy, Biodiveristy						
Summer 2	07.06.27	14.06.27	21.06.27	28.06.27	05.07.27	12.07.27	19.07.27	SUMMER	
	3.4	Revision	Mocks		3.7 Genetics		Activities		

 Pre Unit Assessment
  Post Unit Assessment
  Summative Assessment
  Required Practical

Y13 Biology: Teacher 1: LONG TERM OVERVIEW 2026-27

 Pre Unit Assessment
 Post-Unit Assessment
 Summative Assessment

Autumn 1	01.09.26	07.09.26	14.09.26	21.09.26	28.09.26	05.10.26	12.10.26	19.10.26	HALF TERM
	3.5.1 Photosynthesis						3.5.3 Energy & Ecosystems		
Autumn 2	02.11.26	09.11.26	16.11.26	23.11.26	30.11.26	07.12.26	14.12.26	XMAS	
	3.5.4 Nutrient Cycles		3.6.1.1 Survival & Response			3.6.1.2 Receptors			
Spring 1	04.01.27	11.01.27	18.01.27	25.01.27	01.02.27	08.02.27	HALF TERM		
	3.6.1.3 Control of heart rate		3.6.2 Nervous co-ordination			Mocks			
Spring 2	22.02.27	01.03.27	08.03.27	15.03.27	22.03.27	EASTER			
	Mocks	3.6.2 Nervous co-ordination		3.8 Control of gene expression					
Summer 1	12.04.27	19.04.27	26.04.27	03.05.27	10.05.27	17.05.27	24.05.27	HALF TERM	
	3.8 Control of gene expression				Exams start				
Summer 2	07.06.27	14.06.27	21.06.27	28.06.27	05.07.27	12.07.27	19.07.27	SUMMER	

Y13 Biology: Teacher 2: LONG TERM OVERVIEW 2026-27

 Pre Unit Assessment
 Post-Unit Assessment
 Summative Assessment

Autumn 1	01.09.26	07.09.26	14.09.26	21.09.26	28.09.26	05.10.26	12.10.26	19.10.26	HALF TERM
	3.7.1 Inheritance						3.5.2 Respiration		
Autumn 2	02.11.26	09.11.26	16.11.26	23.11.26	30.11.26	07.12.26	14.12.26	XMAS	
	3.5.2 Respiration			3.7.2 Populations, 3.7.3 Speciation		3.7.4 Populations in ecosystems			
Spring 1	04.01.27	11.01.27	18.01.27	25.01.27	01.02.27	08.02.27	HALF TERM		
	3.7	3.8.1 Mutations, 3.8.2.1. Stem cells		3.6.3 Skeletal muscle		Mocks			
Spring 2	22.02.27	01.03.27	08.03.27	15.03.27	22.03.27	EASTER			
	Mocks	3.6..4.1 Homeostasis, blood glucose concentration							
Summer 1	12.04.27	19.04.27	26.04.27	03.05.27	10.05.27	17.05.27	24.05.27	HALF TERM	
	3.6..4.1 Homeostasis, blood water potential				Exams start				
Summer 2	07.06.27	14.06.27	21.06.27	28.06.27	05.07.27	12.07.27	19.07.27	SUMMER	