

Science - Year 7 Long Term Curriculum Map								
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B			
Matter: Solids, liquids and gases. Separation techniques. The periodic table.	Building blocks of life: Cells and DNA.	Electricity and magnetism: Circuits, voltage and resistance. Magnetic fields and electromagnets.	Living processes: Anaerobic and aerobic respiration.	Reactions: Elements, mixtures and compounds. Acids and alkalis. Neutralisation reactions. Metal reactions.	Forces: Speed-time and distance-time graphs. Friction and air resistance. Moments and pressure.			
ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT			
Formative assessment	Summative	Formative assessment	Summative	Formative assessment	Summative			
on scientific skills.	assessment on matter.	on scientific skills.	assessment on terms	on scientific skills.	assessment on all year			
		0 1 V 01	1a-2a.		7 topics.			
TEDM 4.A	TERM 4D		Term Curriculum Map	TERMOA	TEDM OD			
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B			
Energy: Energy stores and transfers. Machines and levers. Conduction, convection and radiation.	Energy in reactions: Combustion and fuels. Endothermic and exothermic reactions. Chemical and physical changes.	Living together: Photosynthesis. Reproduction. Food chains and webs. Interdependence.	Waves: Light and sound waves. Reflection and refraction.	Earth and its resources: Raw materials from the earth and the environmental issues associated with their extraction.	Wondrous variety: Classification of species.			
ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT			
Formative assessment	Summative	Formative assessment	Summative	Formative assessment	Summative			
on scientific skills.	assessment on energy.	on scientific skills.	assessment on terms 1a-2a.	on scientific skills.	assessment on all year 8 topics.			
	Combined Science - Year 9 Long Term Curriculum Map							
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B			
Cell biology.	Energy.	Organisation continued.	Electricity.	Infection and response.	Quantitative chemistry.			
Atomic structure and	Organisation.	Bonding, structure and			Particle model of			
the periodic table.		the properties of metals.			matter.			
ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT			
Formative assessment	Summative	Formative assessment		Formative assessment				
on scientific skills.	assessment on cell	on scientific skills.		on scientific skills.				



	biology and atomic		Summative		Summative		
	structure and the		assessment on terms		assessment on all year		
	periodic table.		1a-2a.		9 topics.		
Biology - Year 9 Long Term Curriculum Map							
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B		
Cell biology.	Organisation.	Organisation.	Infection and response.	Infection and response.	Infection and response.		
ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT		
Formative assessment	Summative	Formative assessment	Summative	Formative assessment	Summative		
on scientific skills.	assessment on cell	on scientific skills.	assessment on terms	on scientific skills.	assessment on all year		
	biology.		1a-2a.		9 topics.		
	Chemistry - Year 9 Long Term Curriculum Map						
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B		
Atomic structure and	Bonding, structure and						
the periodic table.	the properties of metals.	Quantitative chemistry.	Quantitative chemistry.	Chemical change.	Chemical change.		
ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT		
Formative assessment	Summative	Formative assessment	Summative	Formative assessment	Summative		
on scientific skills.	assessment on atomic	on scientific skills.	assessment on terms	on scientific skills.	assessment on all year		
	structure and the		1a-2a.		9 topics.		
	periodic table.						
Physics - Year 9 Long Term Curriculum Map							
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B		
Energy.	Electricity.	Electricity.	Particle model of matter.	Particle model of matter continued. Atomic structure.	Atomic structure.		
ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT		
Formative assessment	Summative	Formative assessment	Summative	Formative assessment	Summative		
on scientific skills.	assessment on energy.	on scientific skills.	assessment on terms	on scientific skills.	assessment on all year		
			1a-2a.		9 topics.		



Combined Science - Year 10 Long Term Curriculum Map							
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B		
Quantitative chemistry. Infection and response.	Energy. Chemical changes.	Chemical changes continued. Bioenergetics.	Electricity.	Homeostasis and response.	Energy changes. The rate and extent of chemical change.		
ASSESSMENT Formative assessment on scientific skills.	ASSESSMENT Summative assessment quantitative chemistry and infection and response.	ASSESSMENT Formative assessment on scientific skills.	ASSESSMENT Summative assessment on terms 1a-2a.	ASSESSMENT Formative assessment on scientific skills.	ASSESSMENT Mock examination on all year 10 topics.		
Biology - Year 10 Long Term Curriculum Map							
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B		
Infection and response.	Infection and response continued. Bioenergetics.	Bioenergetics continued. Homeostasis and response.	Homeostasis and response.	Inheritance, variation and response.	Inheritance, variation and response.		
ASSESSMENT Formative assessment on scientific skills.	ASSESSMENT Summative assessment on infection and response.	ASSESSMENT Formative assessment on scientific skills.	ASSESSMENT Summative assessment on terms 1a-2a.	ASSESSMENT Formative assessment on scientific skills.	ASSESSMENT Mock examination on all year 10 topics.		
Chemistry - Year 10 Long Term Curriculum Map							
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B		
Chemical changes.	Energy changes.	The rate and extent of chemical change.	Organic chemistry.	Organic chemistry.	Chemical analysis.		
ASSESSMENT Formative assessment on scientific skills.	ASSESSMENT Summative assessment on chemical changes.	ASSESSMENT Formative assessment on scientific skills.	ASSESSMENT Summative assessment on terms 1a-2a.	ASSESSMENT Formative assessment on scientific skills.	ASSESSMENT Mock examination on all year 10 topics.		



Physics - Year 10 Long Term Curriculum Map						
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B	
Energy.	Waves.	Waves.	Forces.	Forces.	Forces.	
ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT	
Formative assessment	Summative	Formative assessment	Summative	Formative assessment	Mock examination on	
on scientific skills.	assessment on energy.	on scientific skills.	assessment on terms	on scientific skills.	all year 10 topics.	
			1a-2a.			
		nbined Science - Year 11				
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B	
			Consolidate learning,			
Global challenges	Global challenges	Global challenges	address			
(Biology).	(Chemistry).	(Physics).	misconceptions and	Revision/exams.	Revision/exams.	
(=:0:09)):	(2	(1 11y5105).	prepare for post 16			
100500145145	1005001515	100=001=1=	study.			
ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT			
Formative assessments	Mock examination.	Formative assessments	Mock examination.			
on scientific skills.		on scientific skills.				
		Biology - Year 11 Long				
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B	
		Consolidate learning,	Consolidate learning,			
Global challenges	Global challenges	address	address	, ,	5	
(Biology).	continued (Biology).	misconceptions and	misconceptions and	Revision/exams.	Revision/exams.	
	\ 377	prepare for post 16	prepare for post 16			
ACCECCNAENT	A COECONAENIT	study.	study.			
ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT			
Formative assessments	Mock examination.	Formative assessments	Mock examination.			
on scientific skills.		on scientific skills. Chemistry - Year 11 Lor	or Torm Curriculum Mon			
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B	
IERWI IA	IERWIID	Consolidate learning,	Consolidate learning,	I ERIVI 3A	I ERIVI 3B	
		address	address			
Global challenges	Global challenges	misconceptions and	misconceptions and	Revision/exams.	Revision/exams.	
(Chemistry).	continued (Chemistry).	prepare for post 16	prepare for post 16	Nevision/exams.	Nevision/exams.	
		study.	study.			
ASSESSMENT	ASSESSMENT	ASSESSMENT	ASSESSMENT			
Formative assessments	Mock examination.	Formative assessments	Mock examination.			
on scientific skills.	WOOK CAUTHILLIOH.	on scientific skills.	MOOK CACITITIATION.			
on solondilo skills.		on solonino skins.				



Physics - Year 11 Long Term Curriculum Map						
TERM 1A	TERM 1B	TERM 2A	TERM 2B	TERM 3A	TERM 3B	
Energy. Global challenges (Physics).	Global challenges continued (Physics).	Consolidate learning, address misconceptions and prepare for post 16 study.	Consolidate learning, address misconceptions and prepare for post 16 study.	Revision/exams.	Revision/exams.	
ASSESSMENT Formative assessments	ASSESSMENT Mock examination.	ASSESSMENT Formative assessments	ASSESSMENT Mock examination.			
on scientific skills.	WOOK CAAITIITIAIIOIT.	on scientific skills.	WOOK CAGITITIATION.			