

2025-26

Science

Year 7

Autumn Term 1

Theme: Spy School							
	WB. 1.9.25	WB. 8.9.25	WB. 15.9.25	WB. 22.9.25	WB. 29.9.25	WB. 6.10.25	WB. 13.10.25
Subject	General Science	General Science	General Science	Biology	Biology	Biology	Biology
Topic	Laboratory Safety & Scientific Skills	Laboratory Safety & Scientific Skills	Laboratory Safety & Scientific Skills	Cells and Microscopy	Cells and Microscopy	Cells and Microscopy	Cells and Microscopy

Autumn Term 2

Theme: Space Mission							
	WB. 3.11.25	WB. 10.11.25	WB. 17.11.25	WB. 24.11.25	WB. 1.12.25	WB. 8.12.25	WB. 15.12.25
Subject	Chemistry	Chemistry	Chemistry	Physics	Physics	Physics	Physics
Topic	States of Matter & Particle Model	States of Matter & Particle Model	States of Matter & Particle Model	Forces and Motion	Forces and Motion	Forces and Motion	Forces and Motion

Spring Term 1

Theme: Gaming World							
	WB. 5.1.26	WB. 12.1.26	WB. 19.1.26	WB. 26.1.26	WB. 2.2.26	WB. 9.2.26	
Subject	Biology	Biology	Biology	Physics	Physics	Physics	
Topic	Nutrition and Digestive System	Nutrition and Digestive System	Nutrition and Digestive System	Light	Light	Light	

Spring Term 2

Theme: Building a City							
	WB. 23.2.26	WB. 2.3.26	WB. 9.3.26	WB. 16.3.26	WB. 23.3.26	WB. 30.3.26	
Subject	Biology	Biology	General Science	Chemistry	Chemistry	Chemistry	
Topic	Reproduction	Reproduction	Science Week 2026	Separating Mixtures	Separating Mixtures	Separating Mixtures	

Summer Term 1

Theme: Crime Scene Investigation							
	WB. 20.4.26	WB. 27.4.26	WB. 4.5.26	WB. 11.5.26	WB. 18.5.26		
Subject	Physics	Physics	Physics	Physics	Physics		
Topic	Magnetism	Magnetism	Energy Transfers and Changes	Energy Transfers and Changes	Energy Transfers and Changes		

Summer Term 2

Theme: World Cup 2026								
	WB. 1.6.26	WB. 8.6.26	WB. 15.6.26	WB. 22.6.26	WB. 29.6.26	WB. 6.7.26	WB. 13.7.26	WB. 20.7.26
Subject	Biology	Biology	Biology	Chemistry	Chemistry	Chemistry	General Science	General Science
Topic	Classification & Microhabitats	Classification & Microhabitats	Classification & Microhabitats	Acids and Alkalis	Acids and Alkalis	Acids and Alkalis	Cloughwood Science Week	Cloughwood Science Week

2025-26

Science

Year 8

Autumn Term 1

Theme: Spy School							
	WB. 1.9.25	WB. 8.9.25	WB. 15.9.25	WB. 22.9.25	WB. 29.9.25	WB. 6.10.25	WB. 13.10.25
Subject	General Science	General Science	General Science	Physics	Physics	Biology	Biology
Topic	Laboratory Safety & Scientific Skills	Laboratory Safety & Scientific Skills	Risk Assessments	Sound & Waves	Sound & Waves	Respiration	Respiration

Autumn Term 2

Theme: Space Mission							
	WB. 3.11.25	WB. 10.11.25	WB. 17.11.25	WB. 24.11.25	WB. 1.12.25	WB. 8.12.25	WB. 15.12.25
Subject	Physics	Physics	Physics	Chemistry	Chemistry	Chemistry	Chemistry
Topic	Space	Space	Space	Rocks and Soils	Rocks and Soils	Rocks and Soils	Rocks and Soils

Spring Term 1

Theme: Gaming World							
	WB. 5.1.26	WB. 12.1.26	WB. 19.1.26	WB. 26.1.26	WB. 2.2.26	WB. 9.2.26	
Subject	Chemistry	Chemistry	Chemistry	Physics	Physics	Physics	
Topic	Chemical Reactions	Chemical Reactions	Chemical Reactions	Electricity & Magnetism	Electricity & Magnetism	Electricity & Magnetism	

Spring Term 2

Theme: Building a City							
	WB. 23.2.26	WB. 2.3.26	WB. 9.3.26	WB. 16.3.26	WB. 23.3.26	WB. 30.3.26	
Subject	Physics	Physics	General Science	Biology	Biology	Biology	
Topic	Energy Resources & Efficiency	Energy Resources & Efficiency	Science Week 2026	Photosynthesis	Photosynthesis	Photosynthesis	

Summer Term 1

Theme: Crime Scene Investigation							
	WB. 20.4.26	WB. 27.4.26	WB. 4.5.26	WB. 11.5.26	WB. 18.5.26		
Subject	Biology	Biology	Biology	Biology	Biology		
Topic	Variation and Inheritance	Variation and Inheritance	The Human Body	The Human Body	The Human Body		

Summer Term 2

Theme: World Cup 2026								
	WB. 1.6.26	WB. 8.6.26	WB. 15.6.26	WB. 22.6.26	WB. 29.6.26	WB. 6.7.26	WB. 13.7.26	WB. 20.7.26
Subject	Chemistry	Chemistry	Chemistry	Biology	Biology	Biology	General Science	General Science
Topic	Atmosphere & Climate Change	Atmosphere & Climate Change	Atmosphere & Climate Change	Ecosystems	Ecosystems	Ecosystems	Cloughwood Science Week	Cloughwood Science Week

2025-26

Science

Year 9

Autumn Term 1

Theme: Spy School							
	WB. 1.9.25	WB. 8.9.25	WB. 15.9.25	WB. 22.9.25	WB. 29.9.25	WB. 6.10.25	WB. 13.10.25
Subject	General Science	General Science	General Science	Physics	Physics	Chemistry	Chemistry
Topic	Laboratory Safety & Scientific Skills	Laboratory Safety & Scientific Skills	Risk Assessments	Forces and Pressure	Forces and Pressure	Atomic Structure	Atomic Structure

Autumn Term 2

Theme: Space Mission							
	WB. 3.11.25	WB. 10.11.25	WB. 17.11.25	WB. 24.11.25	WB. 1.12.25	WB. 8.12.25	WB. 15.12.25
Subject	Physics	Physics	Physics	Chemistry	Chemistry	Chemistry	Chemistry
Topic	Motion and Speed	Motion and Speed	Motion and Speed	Materials and Recycling	Materials and Recycling	Materials and Recycling	Materials and Recycling

Spring Term 1

Theme: Gaming World							
	WB. 5.1.26	WB. 12.1.26	WB. 19.1.26	WB. 26.1.26	WB. 2.2.26	WB. 9.2.26	
Subject	Chemistry	Chemistry	Chemistry	Physics	Physics	Physics	
Topic	Bonding & Substances	Bonding & Substances	Bonding & Substances	Waves & EM Spectrum	Waves & EM Spectrum	Waves & EM Spectrum	

Spring Term 2

Theme: Building a City							
	WB. 23.2.26	WB. 2.3.26	WB. 9.3.26	WB. 16.3.26	WB. 23.3.26	WB. 30.3.26	
Subject	Chemistry	Chemistry	General Science	Physics	Physics	Physics	
Topic	Rates of Reaction	Rates of Reaction	Science Week 2026	Energy & Work Done	Energy & Work Done	Energy & Work Done	

Summer Term 1

Theme: Crime Scene Investigation							
	WB. 20.4.26	WB. 27.4.26	WB. 4.5.26	WB. 11.5.26	WB. 18.5.26		
Subject	Biology	Biology	Biology	Biology	Biology		
Topic	Genetics and DNA	Genetics and DNA	Human Health & Disease	Human Health & Disease	Human Health & Disease		

Summer Term 2

Theme: World Cup 2026								
	WB. 1.6.26	WB. 8.6.26	WB. 15.6.26	WB. 22.6.26	WB. 29.6.26	WB. 6.7.26	WB. 13.7.26	WB. 20.7.26
Subject	Biology	Biology	Biology	Biology	Biology	Biology	General Science	General Science
Topic	Ecology & Fieldwork	Ecology & Fieldwork	Ecology & Fieldwork	KS4 Transition	KS4 Transition	KS4 Transition	Cloughwood Science Week	Cloughwood Science Week



2025-26 Science - Year 10

Autumn Term 1

	WB: 1.9.25	WB. 8.9.25	WB. 15.9.25	WB. 22.9.25	WB. 29.9.25	WB. 6.10.25	WB. 13.10.25
Subject	General Science	General Science	General Science	Biology	Biology	Biology	Biology
Topic	Laboratory Safety & Scientific Skills	Risk Assessments	Risk Assessments	Microscopes and magnification	Animal and plant cells	Eukaryotes and prokaryotes	Specialised animal cells

Autumn Term 2

	WB. 3.11.25	WB. 10.11.25	WB. 17.11.25	WB. 24.11.25	WB. 1.12.25	WB. 8.12.25	WB. 15.12.25
Subject	Biology	Biology	Biology	Biology	Biology	Biology	Biology
Topic	Specialised plant cells	Using a light microscope	Aseptic techniques	Investigating microbial cultures Mitosis	Stem cells Diffusion	Exchange surfaces Osmosis	<u>Assessments</u>

Spring Term 1

	WB. 5.1.26	WB. 12.1.26	WB. 19.1.26	WB. 26.1.26	WB. 2.2.26	WB. 9.2.26
Subject	Biology	Biology	Biology	Biology	Biology	Biology
Topic	Investigating osmosis	Active transport	Cell biology	The digestive system Food testing Enzymes	Investigating enzymes The blood Blood vessels	The heart The lungs Cardiovascular disease

Spring Term 2

	WB. 23.2.26	WB. 2.3.26	WB. 9.3.26	WB. 16.3.26	WB. 23.3.26	WB. 30.3.26
Subject	Biology	Biology	General Science	Biology	Biology	Biology
Topic	Health and disease Lifestyle and disease Alcohol and smoking	The leaf Transpiration Investigating transpiration	Science Week 2026	Translocation Organisation Viral diseases	Bacterial diseases Fungal and protist diseases Human defence systems	The immune system Vaccination Antibiotics and painkillers

Summer Term 1

	WB. 20.4.26	WB. 27.4.26	WB. 4.5.26	WB. 11.5.26	WB. 18.5.26
Subject	Biology	Biology	Biology	Biology	Biology
Topic	New medicines Plant diseases and defences Infection and response	Photosynthesis Investigating photosynthesis Respiration	Responding to exercise Metabolism Bioenergetics	12.5.25 – Biology Paper 1	Homeostasis Neurones and the brain Reflex actions

Summer Term 2

	WB. 1.6.26	WB. 8.6.26	WB. 15.6.26	WB. 22.6.26	WB. 29.6.26	WB. 6.7.26	WB. 13.7.26	WB. 20.7.26
Subject	Biology	Biology	Biology	Biology	Biology	Biology	<u>General Science</u>	<u>General Science</u>
Topic	Investigating reaction times The eye Eye defects	8.6.25 – Biology Paper 2	Thermoregulation Hormones	Blood glucose regulation Diabetes	Controlling water balance Kidney treatments	Reproductive hormones Contraception	Cloughwood Science Week	Cloughwood Science Week



2025-26 Science - Year 11

Autumn Term 1

	WB: 1.9.25	WB. 8.9.25	WB. 15.9.25	WB. 22.9.25	WB. 29.9.25	WB. 6.10.25	WB. 13.10.25
Subject	General Science	General Science	General Science	Biology	Biology	Biology	Biology
Topic	Laboratory Safety & Scientific Skills	Risk Assessments	Risk Assessments	Homeostasis	Neurones and the brain	Reflex actions Reaction times	The eye Eye defects

Autumn Term 2

	WB. 3.11.25	WB. 10.11.25	WB. 17.11.25	WB. 24.11.25	WB. 1.12.25	WB. 8.12.25	WB. 15.12.25
Subject	Biology	Biology	Biology	Biology	Biology	Biology	Biology
Topic	Thermoregulation Hormones	Blood glucose regulation Diabetes	Controlling water balance Kidney treatments	Reproductive hormones Contraception	Plant hormones Investigating plant responses Homeostasis and response	Meiosis Sexual and asexual reproduction DNA and the genome	Genetic terms Genetic crosses Family trees

Spring Term 1

	WB. 5.1.26	WB. 12.1.26	WB. 19.1.26	WB. 26.1.26	WB. 2.2.26	WB. 9.2.26
Subject	Biology	Biology	Biology	Biology	Biology	Biology
Topic	Inheritance Variation and evolution Selective breeding	Genetic engineering Cloning Darwin and Lamarck	Speciation Mendel Fossils	Resistant bacteria Classification Evolutionary trees	Inheritance, variation and evolution Ecosystems Interdependence	Adaptation Food chains Fieldwork techniques

Spring Term 2

	WB. 23.2.26	WB. 2.3.26	WB. 9.3.26	WB. 16.3.26	WB. 23.3.26	WB. 30.3.26
Subject	Biology	Biology	General Science	Biology	Biology	Biology
Topic	Field investigations Cycling materials Decomposition	Investigating decay Waste management Deforestation	Science Week 2026	Global warming Maintaining biodiversity Trophic levels	Food security Farming techniques Sustainable fisheries	Biotechnology and food Ecology

Summer Term 1

	WB. 20.4.26	WB. 27.4.26	WB. 4.5.26	WB. 11.5.26	WB. 18.5.26
Subject	Biology	Biology	Biology	Biology	Biology
Topic	Microscopes and magnification Animal and plant cells Eukaryotes and prokaryotes	Specialised animal cells Specialised plant cells Using a light microscope	Aseptic techniques Investigating microbial cultures Mitosis	12.5.25 – Biology Paper 1	Stem cells Diffusion Exchange surfaces

Summer Term 2

	WB. 1.6.26	WB. 8.6.26	WB. 15.6.26	WB. 22.6.26	WB. 29.6.26	WB. 6.7.26	WB. 13.7.26	WB. 20.7.26
Subject	Biology	Biology	General Science	General Science	General Science	General Science	General Science	General Science
Topic	Osmosis Revision	8.6.25 – Biology Paper 2	Working Scientifically	Working Scientifically	Working Scientifically	Working Scientifically	Cloughwood Science Week	Cloughwood Science Week

2025-26

Science

Whole School Long Term Plan

	Lower Primary	Upper Primary	Year 7	Year 8	Year 9	Year 10	Year 11
Term 1	<p>Working Scientifically</p> <p>Biology - Plants and Animals</p>	<p>Working Scientifically</p> <p>Physics - Buoyance</p> <p>Chemistry - Properties and changes of materials</p>	<p>Laboratory Safety and Scientific Skills</p> <p>Biology - Cells and Microscopy</p> <p>Chemistry - States of Matter & Particle Model</p> <p>Physics - Forces and Motion</p>	<p>Laboratory Safety / Scientific Skills / Risk Assessments</p> <p>Physics - Sound and Waves</p> <p>Physics - Space</p> <p>Chemistry - Rocks and Soils</p>	<p>Laboratory Safety / Scientific Skills / Risk Assessments</p> <p>Chemistry - Atomic Structure</p> <p>Physics - Motion and Speed</p> <p>Chemistry - Materials and Recycling</p>	<p>Laboratory Safety / Scientific Skills / Risk Assessments</p> <p>GCSE Biology Paper 1 Focus</p> <p>Cell Biology</p>	<p>Laboratory Safety & Scientific Skills Risk Assessments</p> <p>GCSE Biology Paper 1 Focus</p> <p>Homeostasis and Response</p>
Term 2	<p>Working Scientifically</p> <p>Chemistry - States of Matter</p>	<p>Working Scientifically</p> <p>Physics - Earth and Space</p> <p>Physics - Forces</p>	<p>Biology - Nutrition and Digestive System</p> <p>Physics - Light</p> <p>Biology - Nutrition and Digestive System</p> <p>Chemistry - Separating Mixtures</p>	<p>Chemistry - Chemical Reactions</p> <p>Physics - Electricity and Magnetism</p> <p>Physics - Energy Resources and Efficiency</p> <p>Biology - Photosynthesis</p>	<p>Chemistry - Bonding & Substances</p> <p>Physics - Waves & EM Spectrum</p> <p>Chemistry - Rates of Reaction</p> <p>Physics - Energy</p>	<p>GCSE Biology Paper 1 Focus</p> <p>Organisation, Infection and Response</p>	<p>GCSE Biology Paper 1 Focus</p> <p>Inheritance, Variation and Evolution</p>
Term 3	<p>Working Scientifically</p> <p>Physics - Light and Sound</p>	<p>Working Scientifically</p> <p>Physics - Magnets</p> <p>Biology - Living things and habitats</p> <p>Biology - Humans and other animals</p>	<p>Physics - Magnetism</p> <p>Physics - Energy Transfers and Changes</p> <p>Biology - Classification & Microhabitats</p> <p>Chemistry - Acids and Alkalis</p>	<p>Biology - Variation and Inheritance</p> <p>Biology - The Human Body</p> <p>Chemistry - Atmosphere and Climate Change</p> <p>Biology - Ecosystems</p>	<p>Biology - Genetics and DNA</p> <p>Biology - Human Health & Disease</p> <p>Biology - Ecology & Fieldwork</p> <p>Biology - KS4 Transition</p>	<p>GCSE Biology Paper 1 Focus</p> <p>Bioenergetics</p>	<p>GCSE Biology Paper 1 Focus</p> <p>Ecology</p>