

Science Curriculum Plan 2026/2027

Please follow the topic link to access catch-up work



Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Behaviour of Matter: The Particle Model Objects Effects on Other Objects: Changing Shape Building Blocks of Life: Animal Cells	Behaviour of Matter: The Atom Beyond Earth: Astrophysics	Behaviour of Matter: Changing State The Human Body: Breathing	Chemical Reactions: Types of Reaction. Our Earth: The Cycles	Building Blocks of Life: Reproduction The Human Body: Healthy Living	Behaviour of Matter: Purity Beyond Earth: The Space Race
Assessment Method	End of topic diagnostic assessments	Mid Year Assessment	End of topic diagnostic assessments	End of topic diagnostic assessments	End of Year Assessment (Autumn 1 – Summer 1)	End of topic diagnostic assessments
 Opportunities	Recall, Explicit Tier 3 Language, Reading Presentations and Science Articles, Knowledge Organisers, Homework Tasks, Careers information					
8	Our Earth: The Atmosphere Behaviour of Energy: Principles of Energy Behaviour of Energy: Heating and Cooling.	Building Blocks of Life: Respiration Behaviour of energy: Energy in the Home.	Building Blocks of Life: Plant Cells Objects Effects on Other Objects: Electrical Circuits	Behaviour of Energy: Mechanical Waves Objects Effects on Other Objects: Forces and Motion	Interaction of Life: Photosynthesis Table Behaviour of Matter: The Periodic Table	Object Effects on Other Objects: Changing Forces. Objects Effects on Other Objects: Magnetism Interaction of Life: Interdependence
Assessment Method	End of topic diagnostic assessments	Mid Year Assessment	End of topic diagnostic assessments	End of topic diagnostic assessments	End of Year Assessment	End of topic diagnostic assessments
 Opportunities	Recall, Explicit Tier 3 Language, Reading Presentations and Science Articles, Knowledge Organisers, Homework Tasks, Careers information					
9	Objects Effects on Other Objects: Pressure Building Blocks of Life: Inheritance and Evolution Behaviour of Energy: Light	Beyond Earth: Looking Outwards Object Effects on Other Objects: Static Electricity Chemical Reactions: Reactivity of Metals	GCSE Start Building Blocks of Life: Cells to Systems 1 Cells to Systems 2	Behaviour of Matter: Atomic Structure and the Periodic Table Groups of the Periodic Table Energy The Particle Model	Chemical Reactions: Chromatography and Analysis Objects Effects on Other Objects: Forces 1 – Defining Forces	Building Blocks of Life: Digestion and Respiration
Assessment Method	End of topic diagnostic assessments	Mid-Year Assessment	End of topic diagnostic assessments	End of topic diagnostic assessments	End of Year Assessment	End of topic diagnostic assessments
 Opportunities	Recall, Explicit Tier 3 Language, Reading Presentations and Science Articles, Knowledge Organisers, Homework Tasks, Careers information					

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STOKE HIGH SCHOOL
- Ormiston Academy



10	Building Blocks of Life: Digestion and Respiration Objects Effects on Other Objects: Electricity 1 – IV Relationships Behaviour of Matter: Types of Bonding Behaviour of Matter: Quantitative Chemistry Objects Effects on Other Objects: Forces 2 – Velocity and Acceleration		Behaviour of Energy: Principles of Waves Interaction of Life: Human Health Our Earth: Carbon Chemical Reactions: Trends and Patterns in the Reactivity Series The Human Body: The Nervous System , Hormones , and Fertility Objects Effects on Other Objects: Energy and Electricity		Behaviour of Matter: Atoms and Nuclear Radiation Chemical Reactions: Energy and Reactions Building Blocks of Life: Transport in Plants Our Earth: Resources Our Earth: Human Impact	
Assessment Method	End of topic diagnostic assessments	End of topic diagnostic assessments	End of topic diagnostic assessments	Year 10 PPE	End of topic diagnostic assessments	End of topic diagnostic assessments
 Opportunities	Recall, Explicit Tier 3 Language, Reading Presentations and Science Articles, Knowledge Organisers, Homework Tasks, Careers information					
11	Behaviour of Matter: Structure of Materials and Properties Chemical Reactions: Electrolysis Objects Effects on Other Objects: Energy and Electricity Building Blocks of Life: Reproduction Chemical Reactions: Rate of Reaction		Objects Effects on Other Objects: Newton's Laws Interaction of Life: Classification Interaction of Life: Biodiversity Behaviour of Energy: Magnetism		GCSE Revision Curriculum	
Assessment Method	End of topic diagnostic assessments	November PPE	End of topic diagnostic assessments	February PPE	GCSEs	
 Opportunities	Recall, Explicit Tier 3 Language, Reading Presentations and Science Articles, Knowledge Organisers, Homework Tasks, Careers information					