



Science

Year 7

Autumn Term	Spring Term	Summer Term
Half Term 1 <ul style="list-style-type: none">• Atoms, Elements, Compounds and mixtures.• Forces.	Half Term 1 <ul style="list-style-type: none">• Particle model.• Cells.	Half Term 1 <ul style="list-style-type: none">• Human reproduction.
Half Term 2 <ul style="list-style-type: none">• Energy stores.	Half Term 2 <ul style="list-style-type: none">• Movement.• Separating Mixtures.	Half Term 2 <ul style="list-style-type: none">• Plant reproduction

Year 8

Autumn Term	Spring Term	Summer Term
Half Term 1 <ul style="list-style-type: none">• Interdependence.	Half Term 1 <ul style="list-style-type: none">• Periodic table.	Half Term 1 <ul style="list-style-type: none">• Heating and Cooling.
Half Term 2 <ul style="list-style-type: none">• Electricity.• Magnets and electromagnets.	Half Term 2 <ul style="list-style-type: none">• Chemical reactions.• Acids and alkalis.	Half Term 2 <ul style="list-style-type: none">• Electricity, energy costs and transfer.• Health & Nutrition

Curriculum Pathway
Science

Year 9

Autumn Term	Spring Term	Summer Term
Half Term 1 <ul style="list-style-type: none">Breathing & respirationPhotosynthesis.	Half Term 1 <ul style="list-style-type: none">Speed.Work done and moments.	Half Term 1 <ul style="list-style-type: none">Evolution and extinction.Pressure.
Half Term 2 <ul style="list-style-type: none">Earths structure.Climate and Earths resources.	Half Term 2 <ul style="list-style-type: none">Waves – Light and SoundVariation and Inheritance.	Half Term 2 <ul style="list-style-type: none">Space.SRE additional content

Year 10 – Trilogy

Autumn Term	Spring Term	Summer Term
Half Term 1	Half Term 1	Half Term 1
<ul style="list-style-type: none"> • Cell biology. • Atomic structure and the Periodic table. • Energy. 	<ul style="list-style-type: none"> • Organisation. • Structure and bonding/Chemical changes and Quantitative chemistry. • The Particle model of matter. 	<ul style="list-style-type: none"> • Infection and response/Bioenergetics. • Energy changes. • Electricity.
Half Term 2	Half Term 2	Half Term 2
<ul style="list-style-type: none"> • Cell biology/Organisation. • Atomic structure and the Periodic table/Structure and bonding. • Energy. 	<ul style="list-style-type: none"> • Infection and response. • Chemical changes and Quantitative chemistry • The Particle model of matter/Electricity. 	<ul style="list-style-type: none"> • Bioenergetics. • Energy changes. • Atomic structure.

Year 10 – Separate Science

Autumn Term	Spring Term	Summer Term
Half Term 1	Half Term 1	Half Term 1
<ul style="list-style-type: none"> • Cell biology. • Atomic structure and the Periodic table. • Energy. 	<ul style="list-style-type: none"> • Organisation. • Structure and bonding/Chemical changes and Quantitative chemistry. • The Particle model of matter. 	<ul style="list-style-type: none"> • Infection and response/Bioenergetics. • Energy changes. • Electricity.
Half Term 2	Half Term 2	Half Term 2
<ul style="list-style-type: none"> • Cell biology/Organisation. • Atomic structure and the Periodic table/Structure and bonding. • Energy. 	<ul style="list-style-type: none"> • Infection and response. • Chemical changes and Quantitative chemistry • The Particle model of matter/Electricity. 	<ul style="list-style-type: none"> • Bioenergetics. • Energy changes. • Atomic structure.

Year 11 – Trilogy

Autumn Term	Spring Term	Summer Term
Half Term 1	Half Term 1	Half Term 1
<ul style="list-style-type: none"> Bioenergetics/Homeostasis and response Energy changes/Rates and equilibrium. Atomic structure/Forces in action (A). 11W4 – Homeostasis and response, Rates of reaction, Forces (A) 	<ul style="list-style-type: none"> Homeostasis and response/Inheritance, variation and evolution. Chemical analysis/The Earth's atmosphere. Forces in motion (B)/Waves. 11W4 – Chemical analysis, Earth's atmosphere, Forces B. 	<ul style="list-style-type: none"> Ecology. Using the Earth's resources. Forces in motion (B)/Magnetism and electromagnetism. 11W4 – Electromagnetism and revision.
Half Term 2	Half Term 2	Half Term 2
<ul style="list-style-type: none"> Homeostasis and response. Crude oil, fuels and Organic chemistry. Forces in action (A)/Waves. 11W4 – Forces (A), Variation and Inheritance. Hydrocarbons and organic, Waves, Chemical Analysis/ 	<ul style="list-style-type: none"> Inheritance, variation and evolution. The Earth's atmosphere. Forces in motion (B). 11W4 – Forces in motion. Ecology, Using Resources. 	<ul style="list-style-type: none"> Ecology. Magnetism and electromagnetism. Revision and examinations. 11W4 – Revision.

Year 11 – Separate Science

Autumn Term	Spring Term	Summer Term
Half Term 1	Half Term 1	Half Term 1
<ul style="list-style-type: none"> Bioenergetics/Homeostasis and response. Energy changes and Rates of reaction. Space. 	<ul style="list-style-type: none"> Inheritance, variation and evolution. Organic chemistry/Chemical analysis. Waves. 	<ul style="list-style-type: none"> Ecology. The Earth's atmosphere/Using the Earth's resources. Forces in motion (B).
Half Term 2	Half Term 2	Half Term 2
<ul style="list-style-type: none"> Homeostasis and response. The rate and extent of chemical change/Organic chemistry. Forces in action (A) 	<ul style="list-style-type: none"> Inheritance, variation and evolution. Chemical analysis/The Earth's atmosphere. Waves/Forces in motion (B) 	<ul style="list-style-type: none"> Ecology Magnetism and electromagnetism. Revision and examinations.