

Subject: Science

Key Stage: 3

Year: 7

Autumn 1 Half Term	Autumn 2 Half Term
Unit 1: Biology –Cells and movement	Unit 1: Biology –Cells and movement
Unit 2: Physics – Energy Costs and energy transfer	Unit 2 : Physics – Energy Costs and energy transfer
Unit 3: Chemistry – Metals and none metals	Unit 3: Chemistry – Metals and none metals
Spring 1 Half Term	Spring 2 Half Term
Unit 1: Biology – Interdependence and Plant Reproduction	Unit 1: Biology – Interdependence and Plant Reproduction
Unit 2: Chemistry – Solubility/Acids and Alkalis	Unit 2: Chemistry – Solubility/Acids and Alkalis
Unit 3: Physics – Current, Voltage and Resistance (Electricity)	Unit 3: Physics - Current, Voltage and Resistance (Electricity)
Summer 1 Half Term	Summer 2 Half Term
Unit 1: Biology – Variation and Reproduction	Unit 1: Biology - Variation and Reproduction
Unit 2: Chemistry – Particle Theory, separating Mixtures	Unit 2: Chemistry - Particle Theory, separating Mixtures
Unit 3: Physics – Earth structure and the Universe	Unit 3: Physics – Earth structure and the Universe

Note: the number of units of work will vary; it should not be assumed that a unit will last for 1 half-term

Subject: Science

Key Stage: 3

Year: 8

Autumn 1 Half Term	Autumn 2 Half Term
Unit 1: Biology - Microbes	Unit 1: Biology - Microbes
Unit 2: Chemistry – Reactivity of Metals	Unit 2: Chemistry – Reactivity of Metals
Unit 3: Physics – Heating and Cooling/Heat Transfer	Unit 3: Physics - Heating and Cooling/Heat Transfer
In	Spring 2 Half Term
Unit 1: Biology – Respiration	Unit 1: Biology – Respiration
Unit 2: Chemistry – Earth Resources	Unit 2: Chemistry – Earth Resources
Unit 3: Physics – Forces (speed and Gravity, contact forces)	Unit 3: Physics – Forces (speed and Gravity, contact forces)
Summer 1 Half Term	Summer 2 Half Term
Unit 1: Biology –photosynthesis	Unit 1: Biology –photosynthesis
Unit 2: Chemistry – Types of Reactions	Unit 2: Chemistry - Types of Reactions
Unit 3: Physics – Sound and Light	Unit 3: Physics – Sound and Light

Note: the number of units of work will vary; it should not be assumed that a unit will last for 1 half-term

Subject: Science

Key Stage: 3

Year: 9

Autumn 1 Half Term	Autumn 2 Half Term
Unit 1: Biology – Photosynthesis and plant science	Unit 1: Biology – Photosynthesis and Plant Science
Unit 2: Chemistry – Fuels/The Earth and the Atmosphere	Unit 2: Chemistry – Fuels/The Earth and the Atmosphere
Unit 3: Physics – Heating and Cooling/Heat Transfer	Unit 3: Physics - Heating and Cooling/Heat Transfer
Spring 1 Half Term - GCSE	Spring 2 Half Term - GCSE
Unit 1: Biology – Cell Biology	Unit 1: Biology – Cell Biology
Unit 2: Chemistry – Atomic structure	Unit 2: Chemistry – Atomic structure
Unit 3: Physics – Energy	Unit 3: Physics - Energy
Summer 1 Half Term	Summer 2 Half Term GCSE
Bio: Organisation	Unit 1: Organisation
Chem: Bonding, Structure and Properties	Chem: Bonding, Structure and Properties
Phy: Electricity	Phy: Electricity

Note: the number of units of work will vary; it should not be assumed that a unit will last for 1 half-term

Subject: Trilogy

Key Stage: 4

Year: 10

Autumn 1 Half Term	Autumn 2 Half Term
Bio: Cell Biology	Bio :Cell Biology
Chem: Atomic Structure	Chem: Atomic Structure
Phy: Energy	Phy: Particle model and matter
Spring 1 Half Term	Spring 2 Half Term
Bio: Organisation	Unit 1: Organisation
Chem: Bonding, Structure and Properties	Chem: Bonding, Structure and Properties
Phy: Electricity	Phy: Electricity
Summer 1 Half Term	Summer 2 Half Term
Bio: Infection and Response	Bio: Bioenergetics
Chem: Organic Chemistry + Chemical Analysis	Chem: Chemistry of the atmosphere
Phy: Atomic Structure	Unit 3: (chem) Quantitative Chemistry

Note: the number of units of work will vary; it should not be assumed that a unit will last for 1 half-term

Autumn 1 Half Term	Autumn 2 Half Term
Unit 1: Bio - Cells and Cell Transport Photosynthesis	Unit 2: Bio – Respiration/ Communities of Organisms
Unit 1: Chem –Structure and Bonding/ How structure influences the properties and uses Of substances Atomic structure, analysis and quantitative chemistry/	Unit 2: Chem - Rates of reaction / Exothermic and Endothermic Reactions
Unit 1: Phy – Forces and their effects/ The kinetic energy of objects speeding up or slowing down	Unit 2: Phy - Currents in electrical circuits/ Using mains electricity safely and the power of electrical appliances
Spring 1 Half Term	Spring 2 Half Term
Unit 3: Bio - Proteins	Unit 4: Bio – Cell Division and Inheritance Speciation
Unit 3: Chem – Acids, bases and salts	Unit 4: Chem - Electrolysis
Unit 3: Phy: What happens when radioactive substances decay, and the uses and dangers of their emissions	Unit 4: Phy - Nuclear fission and nuclear fusion
Summer 1 Half Term	Summer 2 Half Term
Unit 1	Unit 1
Unit 2	Unit 2
Unit 3	Unit 3

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Note: the number of units of work will vary; it should not be assumed that a unit will last for 1 half-term