



High achievement through challenge
and support for every learner

KS3 Science



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Introduction to Science, Particle Model Forces	Environment Atoms, Elements, Compounds, Mixtures Energy	Cells Solutions Electricity	Cells Solutions Electricity	Reproduction	Chemical Reactions Earth & Beyond
8	Acids & Alkalis Variation	Food & Digestion Sound Light	Respiration Periodic Table Magnetism & Electromagnetism	Respiration Periodic Table Magnetism & Electromagnetism	Movement	Pressure & Moments Photosynthesis
9	General Hospital - Imaging Food & Diet Microbes Drugs & Drug Development	Climate Change & Energy	We Will Rock You - Rock Types, Rock Cycle	Heal the World - Atmosphere, Deforestation, Carbon footprints, Carbon cycle, air pollution, global dimming	Chemistry Skills Forces & Motion - Speed, acceleration, motion graphs	Extended Investigation STEM Science in Concert - Sound, Light, The Eye, Electricity

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Combined Science Trilogy



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
10	Cell Biology, Energy, Atomic Structure, Periodic Table	Organisation, Particle Model of Matter, Periodic Table, Bonding	Organisation, Infection & Response, Particle Model of Matter, Quantitative Chemistry	Infection & Response, Electricity, Chemical Changes	Bioenergetics, Homeostasis & Response, Electricity, Chemical Changes, Energy Changes	Homeostasis & Response, Rate & Extent of Chemical Change, Atomic Structure & Radioactivity
11	Homeostasis & Response, Rate and Extent of Chemical Change Forces	Inheritance, Variation & Evolution, Organic Chemistry, Chemical Analysis, Forces & Motion, Magnetism & Electromagnetism	Inheritance, Variation & Evolution, Ecology, Using Resources, Waves	Exam Preparation		

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Separate Science GCSEs



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
10	Cell Biology, Atomic Structure, Periodic Table, Energy,	Organisation, Bonding, Particle Model of Matter Electricity,	Organisation, Infection and Response, Quantitative Chemistry, Electricity,	Infection & Response, Chemical Changes, Atomic Structure and Radioactivity	Bioenergetics, Homeostasis & Response, Chemical Changes, Energy Changes, Atomic Structure & Radioactivity	Homeostasis & Response, Rate & Extent of Chemical Change, Forces
11	Homeostasis & Response, Organic Chemistry, Forces & Motion, Magnetism & Electromagnetism	Inheritance, Variation & Evolution, Chemical Analysis, Chemistry of the Atmosphere, Magnetism & Electromagnetism, Waves	Inheritance, Variation & Evolution, Ecology, Chemistry of the Atmosphere, Using Resources, Waves, Space	Exam Preparation		

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A - Level Biology



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
12	Biological Molecules	Cell Structure	Exchange & Transport Systems	Cells & The Immune System	Diversity, Classification & Variation	Respiration & Photosynthesis
13	Homeostasis	Organisms & Response to the Environment	Genetics, Populations, Evolution & Ecosystems	Subject Skills & Application		

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A - Level Chemistry



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
12	Bonding, Kinetics, Atomic Structure, & Concentration	Alkanes, Alkenes & Amount of Substance	Energetics, Equilibria, & Alcohols	Redox, Organic Analysis & Group 7	Periodicity, Group 2, Acids & Bases	Energetics, Kp
13	Aromatic Chemistry, Amines, Optical Isomers, Thermodynamics	Transition Metals, Carbonyl, Polymers	NMR, Biochemistry	Organic Synthesis		

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A - Level Physics



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
12	Particles, Electricity	Radiation, Waves	Mechanics, Energy	Mechanics, Materials	Further Mechanics, Fields	Further Mechanics, Fields
13	Thermal Physics, Fields	Nuclear Physics, Astrophysics	Nuclear Physics, Astrophysics			

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BTEC Applied Science



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
12	Assignment 2B: Cooling curves Atomic structure	Assignment 2C: Chromatography Periodic Table, Trends & Properties	Assignment 2A: Titrations & Colorimetry Waves & Communication	Assignment 2D: Self Evaluation Cells & Tissues	Unit 1 Revision	Plants and the Environment Energy Content of Fuels
13	Enzymes Diffusion Assignment 8A: Musculoskeletal system	Unit 1 revision	Unit 1 exam Electricity Assignment 8B: Lymphatic system	Unit 3 revision Assignment 8C: Digestive system	Unit 3 exam	

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