



High achievement through challenge  
and support for every learner

# KS3 Science



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Solutions & Electricity	Cells, Forces & States of Matter	Energy, Reproduction & Acids & Alkalis	Energy, Reproduction & Acids & Alkalis	Earth & Beyond	Environment & Feeding Relationships & Movement
8	Magnetism, Variation	Respiration, Atoms, Elements, Compounds, Pressure & Moments	Sound, Light & Chemical Reactions	Sound, Light & Chemical Reactions	The Periodic Table	Food, Digestion & Photosynthesis
9	Cells	Organisation, Health & Disease	Atomic Structure	Periodic Table & Rates of Reactions	Energy Stores & Transfers	Energy Resources

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# Combined Science Trilogy



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
10	Digestive System, Electricity & Structure & Bonding	Infection & Response, Electricity & Quantitative Chemistry	Photosynthesis, Respiration, Particle Model of Matter & Quantitative Chemistry	Homeostasis, Atomic Structure & Acids & Bases	The Nervous System, Forces & Electrolysis	The Endocrine System, Forces & Energy Changes
11	Inheritance, Forces & Organic Chemistry	Variation, Evolution, Waves & Chemical Analysis	Ecology, Magnetism & Chemistry of the Atmosphere	Using Resources		

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# Biology



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
10	Enzymes & Digestion	Infection & Response	Photosynthesis	Respiration	Nervous System	Endocrine System
11	Inheritance	Variation & Evolution	Ecology	Subject Skills & Application		
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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# Chemistry



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
10	Structure & Bonding	Quantitative Chemistry	Acids & Bases	Electrolysis & Energy Changes	Equilibrium & Energy Changes	Organic Chemistry
11	Chemical Analysis	Chemistry of the Atmosphere	Using Resources	Subject Skills & Application		
12	Bonding Amount of Substance & Kinetics	Introduction to Organic Chemistry, Alkanes & Atomic Structure	Energetics, Equilibria, Alkenes & Alcohols	Organic Analysis Group 7	Kp Kinetics	Acids & Bases & Energetics
13	Carbonyl Groups & Electrochemical Cells	Aromatic Chemistry & Transition Metals	Biochemistry, Chromatography & Inorganic Compounds in Solution	Nuclear Magnetic Resonance		

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# Physics



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
10	Current Electricity	Static Electricity & Particle Model of	Atomic Structure	Forces 1	Forces 2	Forces 3
11	Waves	Magnetism	Subject Skills & Application	Subject Skills & Application		
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	Cells Assignment 2A: Titrations	Atomic structure Assignment 2B: Cooling curves	Waves and communication Assignment 2C: Chromatography	Periodic table Assignment 2D: Self-evaluation	Periodic table Tissues Unit 1 revision and mocks	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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