

# Co-op Academy Walkden Curriculum Overview 2025-2027



Co-op Academy  
Walkden

KS3 Subject:	Science												
KS4 Qualifications	Combined Science, Biology, Chemistry, Physics												
5 Power Concepts:	1		2		3		4		5				
Year Group	Term	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2	
7 (Following Springboard Science curriculum)	Title/Theme												
	Units	B1 Cells C1 The particle model		C1 The Particle model P1 Energy		B2 Skeletal and Muscular Systems & Organisation C2 Atoms, Elements & Compounds		C2 Atoms, Elements and Compounds P2 Speed		P2 Speed C3 Pure and Impure Substances		P3 Forces	
8 (Following Springboard Science curriculum)	Title/Theme												
	Units	P3 Forces C4 Chemical Reactions		C4 Chemical reactions		P4 Pressure in fluids B4 Gas Exchange		C5 Energy changes P5 Sound		B5 Reproduction		P6 Light B6 Photosynthesis	
9 (Following adapted Springboard Science curriculum)	Title/Theme									Bridging units		Bridging units	
	Units	B6 Photosynthesis P6 Light		B7 Respiration C7 Materials		P9 Magnets C8 Earth		P10 Particle Model B9 Inheritance		Energy Atomic Structure		Atomic Structure Cell biology	
10	Title/Theme	Paper 1		Paper 1		Paper 1		Paper 1		Paper 1/2		Paper 1/2	
	Units	B1 Cell biology, C1 Atomic structure and the periodic table, C2 Structure and bonding, P1 Energy,		B2 Organisation, C2 Structure and bonding, P2 Electricity,		B2 Organisation, B3 Infection and response, C3 Quantitative chemistry, P3 Particle model of matter,		B3 Infection and response, B4 Bioenergetics, C4 Chemical changes		B4 Bioenergetics, C5 Energy changes, P4 Atomic structure		B5 Homeostasis and response, C5 Energy changes, Yr 10 Assessments	
11	Title/Theme	Paper 2		Paper 2		Paper 2		Paper 2					
	Units	B4 Bioenergetics, B5 Homeostasis and response, C6 Rates, P5 Forces		B6 Inheritance, variation and evolution, C7 Organic Chemistry, P6 Waves		B6 Inheritance, variation and evolution, B7 Ecology, variation and evolution, C8 Chemical analysis, , P7 Electromagnets		C9 Chemistry of the atmosphere		Revision		Revision	