

# Connective Maths Toolbox

- **68 collaborative learning units**
- **engaging presentations to allow learners to lead their own learning**
- **'explore' activities to engage learners**

## *Contents include*

N1.1 Decimals	S1.1 Angles	D1.1 Surveys	A1.1 Sequences
N1.2 Directed numbers	S1.2 Bearings	D1.2 Types of data	A1.2 Equations
N1.3 Structure of numbers	S1.3 Transformations	D1.3 Mean, mode, median	A1.3 Expressions
N1.4 Fractions & decimals	S1.4 Units	D1.4 Line graphs	A2.1 Trial and improvement
N1.5 Percentage increase	S1.5 Area and perimeter	D1.5 Pictograms and bar charts	A2.2 Equations
N1.6 Equivalent fractions	S1.6 3d shapes	D1.6 Probability scales	A2.3 Sequences
N2.1 Adding fractions	S2.1 Further area and perimeter	D2.1 Tables	A2.4 Formulae
N2.2 Multiplying fractions	S2.2 Pythagoras' theorem	D2.2 Pie charts	A2.5 Graphs
N2.3 Prime factorisation	S2.3 Enlargements	D2.3 Frequency tables	A2.6 Quadratic Graphs
N2.4 Proportion	S2.4 Parallel lines and angles	D2.4 Stem and leaf diagrams	A3.1 Inequalities
N2.5 Ratio	S2.5 Angles in polygons	D2.5 Scatter diagrams	A3.2 Solving quadratics
N2.6 Directed numbers	S2.6 Circles	D3.1 Cumulative frequency	A3.3 Further equations
N3.1 Percentage changes	S2.7 Classifying quadrilaterals	D3.2 Histograms	A3.4 Quadratic sequences
N3.2 Bounds	S2.8 Speed	D3.3 Relative frequency	A3.5 Completing the square
N3.3 Standard form	S2.9 Volume	D3.4 Tree diagrams	A3.6 Simultaneous equations
N3.4 Surds	S3.1 3d Pythagoras		
	S3.2 Circle theorems		
	S3.3 Cones, pyramids & spheres		
	S3.4 Sine and cosine rule		
	S3.5 Trigonometry		
	S3.6 Vectors		