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Adapted from CO-OP North Manchester’s curriculum

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic(s)	Number and Algebra	Data and Fractions, Decimals, Percentages (FDP)	Algebra and Geometry	Geometry and Statistics	Graphs and Geometry	Ratio & Proportion and Right-angled Triangles
Knowledge	Integers and Place Value Decimals Indices, Powers and Roots Factors, Multiples and Primes Algebra Skills (Simplifying Expressions, Substitution)	Tables, Charts and Graphs Pie Charts Scatter Graphs FDP Using and Working with Percentages (e.g. Percentage Change)	Solving Equations and Inequalities Sequences Properties of Shape Angles in Parallel Lines Angle Facts	Interior and Exterior Angles of Polygons Statistics, Sampling and Averages Perimeter, Area and Volume	Real-Life Graphs Straight-Line Graphs Transformations	Ratio Proportion Pythagoras Trigonometry
Understanding: Concepts / Disciplinary Knowledge	Core Concepts in Number and Algebra	Data FDP	Solving Equations Recognising Sequences and Patterns Properties in Shapes	Angles Representing and Working with Data Space and Measure	Application of Graphs to the Real World Using Graphs in Algebra Geometry	Ratio and Proportional Reasoning Geometry – Exploring Right-Angled Triangles

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Teacher Notes						