

Maths – Year 7



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	<p>Topic: Making generalisations about the number system (1).</p> <p>BLQ: What is a number and how can we manipulate it?</p> <p>Knowledge and skills covered: Unit 1 – numbers and numerals Unit 2 – axioms and arrays Unit 3 – factors and multiples Unit 4 – Order of operations</p>	<p>Topic: Making generalisations about the number system (2).</p> <p>BLQ: Why do we use y?</p> <p>Knowledge and skills covered: Unit 5 – Positive and negative numbers Unit 6 – introducing sequences, expressions and equations</p>	<p>Topic: 2D Geometry</p> <p>BLQ: How do I find missing angles?</p> <p>Knowledge and skills covered: Unit 7 – angles Unit 8 – classifying 2D shapes Unit 9 – constructing triangles and quadrilaterals</p>	<p>Topic: The Cartesian plan</p> <p>BLQ: What is area?</p> <p>Knowledge and skills covered: Unit 10 – coordinates Unit 11 – area of 2D shapes Unit 12 – transforming 2D figures</p>	<p>Topic: Fractions</p> <p>BLQ: What is a fraction?</p> <p>Knowledge and skills covered: Unit 13 – prime factor decomposition Unit 14 – equivalent fractions Unit 15 – all operations acting on fractions</p>	<p>Topic: Ratio and proportion</p> <p>BLQ: What is ratio and when do I use it</p> <p>Knowledge and skills covered: Unit 16 – ratio Unit 17 – percentage</p>
	<p>Summative assessment: Autumn 1 Post Assessment (60 marks) H/L</p> <p>QT: A01, A02 and A03 100% Autumn 1 10 marks: multiple choice knowledge questions 50 marks: application question</p>	<p>Summative assessment: Autumn 2 Post Assessment (60 marks) H/L</p> <p>QT: A01, A02 and A03 30% Autumn 1 70% Autumn 2 10 marks: multiple choice knowledge questions (3 Autumn 1, 7 Autumn 2) 50 marks: application questions (15 Autumn 1, 35 Autumn 2)</p>	<p>Summative assessment: Spring 1 Post Assessment (60 marks) H/L</p> <p>QT: A01, A02 and A03 30% Autumn 1,2 70% Spring 1 10 marks: multiple choice knowledge questions (3 Autumn, 7 Spring 1) 50 marks: application questions (15 Autumn, 35 Spring 1)</p>	<p>Summative assessment: Spring 2 Post Assessment (60 marks) H/L</p> <p>QT: A01, A02 and A03 30% Autumn 1,2, Spring 1 70% Spring 2 10 marks: multiple choice knowledge questions (3 Autumn, Spring 1, 7 Spring 2) 50 marks: application questions (15 Autumn, Spring 1, 35 Spring 2)</p>	<p>Summative assessment: Summer 1 Post Assessment (60 marks) H/L</p> <p>QT: A01, A02 and A03 30% Autumn 1,2, Spring 1,2 70% Summer 1 10 marks: multiple choice knowledge questions (3 Autumn, Spring, 7 Summer 1) 50 marks: application questions (15 Autumn, Spring, 35 Summer 1)</p>	<p>Summative assessment: EOY Assessment (120 marks) H/L</p> <p>QT: A01, A02 and A03 AQA YEAR7 assessment: non-calculator AND calculator papers (1 hour each) H/L EXTENSION for high attainment</p>