

# Maths – Year 9



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 9	<p><b>Topic:</b> Coordinates, linear graphs, proportion and standard form</p> <p><b>BLQ:</b> What's the point of a graph?</p> <p><b>Knowledge and skills covered:</b> Unit 1 – coordinates Unit 2 – linear graphs Unit 3 – direct and indirect proportion Unit 4 – scales and standard form</p>	<p><b>Topic:</b> Algebraic expressions</p> <p><b>BLQ:</b> Why don't we change the subject?</p> <p><b>Knowledge and skills covered:</b> Unit 5 – sequences Unit 6 – expanding and factorising brackets Unit 7 – changing the subject of a formula</p>	<p><b>Topic:</b> 2D geometry</p> <p><b>BLQ:</b> What's the difference between congruence and similarity?</p> <p><b>Knowledge and skills covered:</b> Unit 8 – constructions Unit 9 – congruence and similarity Unit 10 – triangles and quadrilaterals Unit 11 – angles in polygons</p>	<p><b>Topic:</b> Equations and inequalities</p> <p><b>BLQ:</b> How can you solve simultaneous equations?</p> <p><b>Knowledge and skills covered:</b> Unit 12 – linear equations and inequalities Unit 13 – simultaneous equations Unit 14 – quadratic and other graphs</p>	<p><b>Topic:</b> Geometry</p> <p><b>BLQ:</b> Who was Pythagoras?</p> <p><b>Knowledge and skills covered:</b> Unit 15 – Pythagoras and Trigonometry Unit 16 – transformations Unit 17 - probability</p>	<p><b>Topic:</b> Statistics</p> <p><b>BLQ:</b> What's the average?</p> <p><b>Knowledge and skills covered:</b> Unit 18 – proof Unit 19 – mean from grouped data Unit 20 – comparing data distributions Unit 21 – scatter graphs</p>
	<p><b>Summative assessment:</b> Autumn 1 Post Assessment (60 marks) H/L</p> <p><b>QT: A01, A02 and A03</b> 100% Autumn 1 10 marks: multiple choice knowledge questions 50 marks: application question</p>	<p><b>Summative assessment:</b> Autumn 2 Post Assessment (60 marks) H/L</p> <p><b>QT: A01, A02 and A03</b> 30% Autumn 1 70% Autumn 2 10 marks: multiple choice knowledge questions (3 Autumn 1, 7 Autumn 2)</p>	<p><b>Summative assessment:</b> Spring 1 Post Assessment (60 marks) H/L</p> <p><b>QT: A01, A02 and A03</b> 30% Autumn 1,2 70% Spring 1 10 marks: multiple choice knowledge questions (3 Autumn, 7 Spring 1)</p>	<p><b>Summative assessment:</b> Spring 2 Post Assessment (60 marks) H/L</p> <p><b>QT: A01, A02 and A03</b> 30% Autumn 1,2, Spring1 70% Spring 2 10 marks: multiple choice knowledge questions (3 Autumn, Spring 1, 7 Spring 2)</p>	<p><b>Summative assessment:</b> Summer 1 Post Assessment (60 marks) H/L</p> <p><b>QT: A01, A02 and A03</b> 30% Autumn 1,2, Spring1,2 70% Summer 1 10 marks: multiple choice knowledge questions (3 Autumn, Spring, 7 Summer 1)</p>	<p><b>Summative assessment:</b> EOY Assessment (120 marks) H/L</p> <p><b>QT: A01, A02 and A03</b> AQA YEAR7 assessment: non-calculator AND calculator papers (1hour each)</p> <p>H/L EXTENSION for high attainment</p>