



Mathematics



Archdiocese of Liverpool

Curriculum intent:

It is the intention of St Gregory's Mathematics department to deliver a curriculum that will develop the skills set out in the National curriculum and promote an appreciation of Mathematics as a creative and highly interconnected discipline providing the solution to some of history's most intriguing problems. Aiming to provide students with a sense of enjoyment and curiosity about the subject together with an appreciation of the beauty and power of Maths in different cultures.

We endeavour to provide support across a range of subjects with an emphasis on problem-solving and developing Mathematical fluency across the whole school curriculum, narrowing gaps that students may have with the basic numeracy skills essential within everyday life.

Year 8

	Content	Concepts and Skills
TERM 1	<ul style="list-style-type: none">• Ratio and scale.• Multiplicative change.• Multiplying and dividing fractions.• Working in the Cartesian plane.• Representing data.• Tables and probability.	<ul style="list-style-type: none">• Proportional reasoning.• Representations.
TERM 2	<ul style="list-style-type: none">• Brackets, equations and inequalities.• Sequences.• Indices.• Fractions and percentages.• Standard index form.• Number sense.	<ul style="list-style-type: none">• Algebraic techniques.• Developing number.
TERM 3	<ul style="list-style-type: none">• Angles in parallel lines and polygons.• Area of a trapezia and circles.• Line symmetry and reflections.• The data handling cycle.• Measures of location.	<ul style="list-style-type: none">• Developing geometry.• Reasoning with data.

