



# AVANTI GRANGE

## SECONDARY SCHOOL

### Curriculum Map

#### Subject: Maths

Year Group	Autumn Half Term 1	Autumn Half Term 2	Spring Half Term 1	Spring Half Term 2	Summer Half Term 1	Summer Half Term 2
<b>Key Stage 3</b>						
7	<b>Topic:</b> Using Numbers  Algebra  Statistics	<b>Topic:</b> Working with numbers/calculator skills  Equations  Decimal numbers	<b>Topic:</b> Angles  Fractions  Perimeter, area and volume	<b>Topic:</b> Percentages  Interpreting data  Probability	<b>Topic:</b> Ratio  Coordinates and graphs  Sequences	<b>Topic:</b> Symmetry  3D shapes  Real life applications/problem solving

8	<b>Topic:</b> Working with numbers  Geometry  Probability	<b>Topic:</b> Algebra  Interpreting Data  Fractions and Decimals	<b>Topic:</b> Equations and formulae  Standard Form  Graphs	<b>Topic:</b> Proportion  Surface area and volume  Percentages	<b>Topic:</b> Circles  Probability (Review)  Ratio (Review)	<b>Topic:</b> Shape and Ratio  Sequences  Congruence and Scaling
9	<b>Topic:</b> Powers of 10  Expanding and factorising quadratics  Data	<b>Topic:</b> Pythagoras Theorem  Solving equations  Polygons	<b>Topic:</b> Straight line graphs  Surface area and volume  Percentages	<b>Topic:</b> Compound units  Solving equations graphically  Trigonometry	<b>Topic:</b> Solving quadratics  Laws of indices  Algebraic fractions	<b>Topic:</b> Surds  Inequalities  Transition from KS3 – KS4 mathematics