

Year 7, 8 and 9 Curriculum for Mathematics

At Aldridge School we use the MyMaths for KS3 series to deliver Mathematics lessons to years 7, 8 and 9. This allows us to cover the course with more depth than many other schemes and offers the following advantages

- **Stretch and Challenge for all pupils, including the most able:** Pupils are taken outside of their 'Mathematical comfort zone' to allow them to make accelerated progress.
- **Personalised learning on the MyMaths platform:** Most lessons in year 7-9 contain a code which links to the MyMaths website to allow pupils to access support materials in their own time
- **Problem Solving is an integral part of Mathematics lessons:** This is embedded using our bespoke end of chapter tests which are designed to give pupils experience at solving multi-stage problems.
- **Assessment to identify areas of strength and weakness:** Using a combination of in class formative assessment, problem solving chapter tests and end of term review tests pupils are made aware of their areas of strength and weakness. This encourages pupils to take responsibility for their learning and in turn will support their development into focused independent learners.

What do we Study?

In year 7-9 the topics studied can be broken down into 4 strands.

Number	Algebra	Geometry	Statistics
Whole Numbers	Sequences	Measures	Averages
Decimals	Expressions	Area & Perimeter	Collecting Data
Fractions	Functions	Angles	Displaying Data
Percentages	Equations	Symmetry	Interpreting
Ratios	Formulae	Transformations	Probability
Primes, Factors and Multiples	Identities	2D and 3D	Venn Diagrams
	Graphs	Constructions	

Because of the need to allow time for pupils to understand each of these topic areas in depth pupils will not meet all of the topic areas in all years.