ALL SAINTS CATHOLIC COLLEGE

Be Inspired. Be Excellent. Succeed.

KS3 MATHS CURRICULUM OVERVIEW			
	Autumn	**Spring**	**Summer**
YEAR 7	**Algebraic thinking** Sequences Understand & use algebraic notation Equality & equivalence **Place value and proportion** Place value & ordering integers& decimals Fraction, decimal & percentage equivalence **Assessment**	**Application of number** Solve problems with addition & subtraction Solve problems with multiplication & division Fractions & percentages of amounts **Directed number** Operations & equations with directed number **Fractional thinking** Addition & subtraction of fractions **Assessment**	**Lines and angles** Constructing, measuring & using geometric notation Developing geometric reasoning **Reasoning with number** Developing number sense Sets & probability Prime number & proof **Assessment**
YEAR 8	**Proportional reasoning** Ratio & scale Multiplicative change Multiplying & dividing fractions **Representations** Working on cartesian plane Representing data Tables & probability **Assessment**	**Algebraic techniques** Brackets, equations & inequalities Sequences Indices **Developing number** Fractions & percentages Standard index form Number sense **Assessment**	**Developing geometry** Angles in parallel lines & polygons Area of trapezia & circles Line symmetry & reflection **Reasoning with data** The data handling cycle Measures of location **Assessment**
YEAR 9	**Reasoning with number** Numbers Using percentages Maths & money **Constructing in 2 & 3 dimensions** Three dimensional shapes Constructions & congruency **Assessment**	**Reasoning with Algebra** Forming & solving equations Straight line graphs **Reasoning with Geometry** Deduction Rotation & translation Pythagoras theorem End of term assessment **Assessment**	**Reasoning with proportion** Enlargement & similarity Solving ratio & proportion problems Rates **Representations** Probability Algebraic representations End of term assessment **Assessment**