

Key Stage 3 Curriculum – Year 7 Mathematics 2015

<p>Term 1</p> <p>Solve word problems (add and subtract)</p> <p>Place value (inc. decimals)</p> <p>Add and subtract (inc. decimals)</p> <ul style="list-style-type: none"> ▪ Estimation ▪ Perimeter ▪ Word problems 	<p>Term 4</p> <p>Fractions</p> <ul style="list-style-type: none"> ▪ Equivalent fractions ▪ Compare and order fractions and decimals ▪ Change mixed numbers to improper fractions and vice versa ▪ Fraction of a quantity ▪ Multiply and divide fractions
<p>Term 2</p> <p>Explain and investigate (multiply and divide)</p> <ul style="list-style-type: none"> ▪ Factors, HCF, multiples, LCM ▪ Multiply and divide (inc. decimals) ▪ Area of rectangle and triangle ▪ Calculate the mean 	<p>Term 5</p> <p>Applications of algebra</p> <ul style="list-style-type: none"> ▪ Order of operations ▪ Substitution ▪ Simplifying algebraic expressions ▪ Solve word problems with expressions ▪ Sequences (term-to-term, not nth term)
<p>Term 3</p> <p>Geometry</p> <ul style="list-style-type: none"> ▪ Draw, measure and name acute and obtuse angles ▪ Find unknown angles (straight lines, at a point, vertically opposite) ▪ Properties of triangles and quadrilaterals 	<p>Term 6</p> <p>Percentages and pie charts</p> <ul style="list-style-type: none"> ▪ Read and interpret pie charts ▪ Convert between percentages and fractions and decimals ▪ Percentage of a quantity ▪ Find the whole given the part and the percentage

Recommended Resources:

- Pen, pencil, and ruler
- Protractor and a compass
- Calculator

How you can help:

- Encourage your child to practise maths every day at home
- Take an interest in your child's work in Maths by checking their homework is done promptly and to a good standard