

YEAR 7					
Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
<b>All students should be confident and competent with the Key Stage 2 material. Review of these may be useful for each unit</b>					
<ul style="list-style-type: none"> <li>• Number bonds</li> <li>• Convert units</li> <li>• Money +/-</li> <li>• Mental strategies</li> <li>• Multiplication facts / strategies</li> <li>• Tenths and hundredths</li> </ul>	<ul style="list-style-type: none"> <li>• Equal parts</li> <li>• Fractions</li> <li>• Factors, multiples and primes</li> <li>• Fraction Equivalence</li> <li>• Decimals</li> <li>• Measurement</li> <li>• Multiplication and Division</li> </ul>	<ul style="list-style-type: none"> <li>• Area of rectangles and triangles</li> <li>• Triangle and quadrilateral properties</li> <li>• Number patterns</li> </ul>	<ul style="list-style-type: none"> <li>• Negative Numbers</li> <li>• Algebraic notation</li> <li>• Order of operations</li> </ul>	<ul style="list-style-type: none"> <li>• Lengths and units</li> <li>• Parallel and perpendicular</li> <li>• Work with angles</li> <li>• Order of operations</li> <li>• Negative Numbers</li> </ul>	<ul style="list-style-type: none"> <li>• Co-ordinates</li> <li>• Rotation</li> <li>• Reflection</li> <li>• Symmetry</li> </ul>
<b>All students should have access to this specific curriculum content to ensure they have covered the requirements for Key Stage 3</b>					
<ol style="list-style-type: none"> <li>1. Place value (including decimals)</li> <li>2. Order positive and negative numbers (including decimals)</li> <li>3. Four operations with integers and decimals</li> <li>4. Four operations with negatives</li> <li>5. Inequalities – using symbols</li> <li>6. Order of operations</li> </ol>	<ol style="list-style-type: none"> <li>1. Reciprocals</li> <li>2. Special Numbers               <ul style="list-style-type: none"> <li>- Primes</li> <li>- Squares/square root</li> <li>- Cubes/cube root</li> </ul> </li> <li>3. Prime Factorisation</li> <li>4. Factors and Multiples (including HCF / LCM)</li> <li>5. Introduction to Fractions               <ul style="list-style-type: none"> <li>- Equivalent Fractions</li> <li>- Mixed to Improper Fractions and vice versa</li> <li>- Fractions of amounts</li> </ul> </li> <li>6. Multiply and Divide Fractions (including integers by fractions)</li> </ol>	<ol style="list-style-type: none"> <li>1. Rounding decimal places (up to 3 decimal places)</li> <li>2. Add and Subtract Fractions</li> <li>3. Order Fractions and Decimals</li> <li>4. Perimeter</li> <li>5. Area of a rectangle, triangle, parallelogram, trapezia</li> </ol>	<ol style="list-style-type: none"> <li>1. Algebraic convention</li> <li>2. Substitution</li> <li>3. Form and simplify algebraic expressions</li> <li>4. Form and solve equations <math>ax + b = c</math> including negative and fractional co-efficient</li> <li>5. Sequences               <ul style="list-style-type: none"> <li>- term to term</li> <li>- nth term</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>1. Draw, measure and estimate angles</li> <li>2. Calculate angles               <ul style="list-style-type: none"> <li>- On a line</li> <li>- Around a point</li> <li>- In a triangle</li> <li>- Polygon (int/ext)</li> <li>- Vertically opposite</li> </ul> </li> <li>3. Form and solve equations relating to angle reasoning (no further than <math>ax + b = c</math> from half term 4)</li> <li>4. Bearings (not including back bearings)</li> </ol>	<ol style="list-style-type: none"> <li>1. Using a calculator</li> <li>2. Reflection across x and y axis</li> <li>3. Rotational Symmetry</li> <li>4. Rotation around origin</li> <li>5. Enlargement (by SF only and not COE)</li> </ol>
Some of your highest attaining students may need to be stretched through depth and problem solving					