

## Attainment Descriptors Year 7

Developing	Improving	Meeting	Exceeding
Students rarely demonstrated that they have met any of the criteria.	Students demonstrate that they <b>occasionally</b> meet <b>some</b> of the criteria for the term.	Students demonstrate that they <b>regularly</b> meet <b>most</b> of the criteria below.	Students almost always demonstrate that they meet <b>all</b> criteria. Often, they will take advantage of opportunities to broaden their understanding of the subject.

	Learning Criteria	Resources to support your child at home
<b>Autumn Term</b>	<ol style="list-style-type: none"> <li>1. Use column methods for addition and subtraction.</li> <li>2. Understand the key features of the base 10 place value system.</li> <li>3. Use known multiplication or division facts to help complete related calculations.</li> <li>4. Identify the commutative, associative and distributive properties.</li> <li>5. Understand the terms factor, multiple, prime, square and cube numbers.</li> <li>6. Find common factors and common multiples.</li> <li>7. Understand the equal priority of addition with subtraction and multiplication with division.</li> <li>8. Understand the higher priority of operations.</li> <li>9. Compare and use positive and negative integers.</li> <li>10. Use fact families for multiplication and division with positive and negative numbers.</li> </ol>	<p>vle.mathswatch.co.uk</p> <p><a href="https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3/subjects/maths">https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3/subjects/maths</a></p>
<b>Spring Term</b>	<ol style="list-style-type: none"> <li>1. Collect like terms to simplify expressions.</li> <li>2. Identify equivalent expressions using the distributive property.</li> <li>3. Represent algebraic expressions using a variety of models including arrays and bar models.</li> <li>4. Draw and measure angles.</li> <li>5. Find unknown angles by forming algebraic expressions and equations.</li> <li>6. Use angle facts around corresponding, alternate and co-interior angles to find missing angles.</li> <li>7. Classify polygons by using symmetry, intersection of diagonals and number of parallel sides.</li> <li>8. Construct triangles and quadrilaterals using a ruler, protractor and compasses.</li> <li>9. Identify parts of a circle.</li> <li>10. Recognise congruence.</li> </ol>	<p>vle.mathswatch.co.uk</p> <p><a href="https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3/subjects/maths">https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3/subjects/maths</a></p>
<b>Summer Term</b>	<ol style="list-style-type: none"> <li>1. Find the midpoint and use the midpoint of a line to find other points.</li> <li>2. Recognise and plot horizontal and vertical lines.</li> <li>3. Understand and use units to measure to describe perimeter and area.</li> <li>4. Describe and complete reflections in horizontal, vertical and diagonal lines.</li> <li>5. Describe and complete rotations with a centre of rotation.</li> <li>6. Describe and complete translations using vectors.</li> <li>7. Describe and complete enlargements.</li> <li>8. Find equivalent fractions.</li> <li>9. Convert between fractions, decimals and percentages.</li> <li>10. Use the four operations with fractions.</li> </ol>	<p>vle.mathswatch.co.uk</p> <p><a href="https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3/subjects/maths">https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3/subjects/maths</a></p>