

Subject: Maths	
	<b>Maths Tier 1-2</b>
<b>KS4 target direction</b>	
Advanced  <i>Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.</i>	<ul style="list-style-type: none"> <li>• Demonstrate fluency in mathematical concepts taught</li> <li>• Reason mathematically – developing an argument, justification or proof using mathematical language</li> <li>• Apply mathematical concepts to a variety of routine and non-routine problems</li> </ul>
Secure  <i>Students must achieve competence in all statements before being judged secure.</i>	<ul style="list-style-type: none"> <li>• Add and subtract 2 digit numbers (mental and written methods)</li> <li>• Multiply and divide TU by U or by powers of 10</li> <li>• Simplify simple algebraic linear expressions</li> <li>• Substitute into simple algebraic expressions</li> <li>• Find equivalent fractions, decimals and percentages</li> <li>• Calculate fractions and percentages of amounts</li> </ul>
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	<b>Maths Tier 3</b>
<b>KS4 target direction</b>	
Advanced  <i>Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.</i>	<ul style="list-style-type: none"> <li>• Demonstrate fluency in mathematical concepts taught</li> <li>• Reason mathematically – developing an argument, justification or proof using mathematical language</li> <li>• Apply mathematical concepts to a variety of routine and non-routine problems</li> </ul>
Secure  <i>Students must achieve competence in all statements before being judged secure.</i>	<ul style="list-style-type: none"> <li>• Expand single brackets and collect like terms</li> <li>• Substitute positive values into algebraic expressions</li> <li>• Convert between fractions, decimals and percentages</li> <li>• Multiply fractions by a whole number</li> <li>• Add and subtract simple fractions</li> <li>• Find fractions and percentages of amounts</li> </ul>
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	<b>Maths Tier 4</b>
<b>KS4 target direction</b>	
Advanced  <i>Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.</i>	<ul style="list-style-type: none"> <li>• Demonstrate fluency in mathematical concepts taught</li> <li>• Reason mathematically – developing an argument, justification or proof using mathematical language</li> <li>• Apply mathematical concepts to a variety of routine and non-routine problems</li> </ul>
Secure  <i>Students must achieve competence in all statements before being judged secure.</i>	<ul style="list-style-type: none"> <li>• Construct and solve linear equations</li> <li>• Substitute into expressions and formulae</li> <li>• Multiply and divide an integer by a fraction</li> <li>• Add and subtract fractions</li> <li>• Multiply and divide decimals</li> <li>• Increase and decrease an amount by a percentage</li> </ul>
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	<b>Maths Tier 5</b>
<b>KS4 target direction</b>	
Advanced  <i>Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.</i>	<ul style="list-style-type: none"> <li>• Demonstrate fluency in mathematical concepts taught</li> <li>• Reason mathematically – developing an argument, justification or proof using mathematical language</li> <li>• Apply mathematical concepts to a variety of routine and non-routine problems</li> </ul>
Secure  <i>Students must achieve competence in all statements before being judged secure.</i>	<ul style="list-style-type: none"> <li>• Factorise expressions (single term common factors)</li> <li>• Add and subtract simple algebraic fractions</li> <li>• Construct and solve linear equations</li> <li>• Plot points and find the gradient of a line</li> <li>• Calculate with fractions, percentages and ratios</li> <li>• Use proportional reasoning to solve problems</li> </ul>
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	<b>Maths Tier 6</b>
<b>KS4 target direction</b>	
Advanced  <i>Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.</i>	<ul style="list-style-type: none"> <li>• Demonstrate fluency in mathematical concepts taught</li> <li>• Reason mathematically – developing an argument, justification or proof using mathematical language</li> <li>• Apply mathematical concepts to a variety of routine and non-routine problems</li> </ul>
Secure  <i>Students must achieve competence in all statements before being judged secure.</i>	<ul style="list-style-type: none"> <li>• Create and solve simultaneous equations (algebraically and graphically)</li> <li>• Expand double brackets</li> <li>• Factorise simple quadratic expressions</li> <li>• Find the nth term of linear and quadratic sequences</li> <li>• Add, subtract, multiply and divide fractions</li> <li>• Solve problems involving compound measures and rates of change</li> </ul>
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	<b>Maths Tier 7</b>
<b>KS4 target direction</b>	
Advanced  <i>Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.</i>	<ul style="list-style-type: none"> <li>• Demonstrate fluency in mathematical concepts taught</li> <li>• Reason mathematically – developing an argument, justification or proof using mathematical language</li> <li>• Apply mathematical concepts to a variety of routine and non-routine problems</li> </ul>
Secure  <i>Students must achieve competence in all statements before being judged secure.</i>	<ul style="list-style-type: none"> <li>• Solve equations involving algebraic fractions</li> <li>• Solve quadratic equations (algebraically and graphically)</li> <li>• Solve simultaneous equations (algebraically and graphically)</li> <li>• Solve problems involving direct and inverse proportion</li> <li>• Solve problems involving fractions and percentages, including compound interest</li> <li>• Enlarge shapes from a centre (fractional and negative scale factors)</li> </ul>
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	<b>Maths Tier 8-9</b>
<b>KS4 target direction</b>	
Advanced  <i>Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.</i>	<ul style="list-style-type: none"> <li>• Demonstrate fluency in mathematical concepts taught</li> <li>• Reason mathematically – developing an argument, justification or proof using mathematical language</li> <li>• Apply mathematical concepts to a variety of routine and non-routine problems</li> </ul>
Secure  <i>Students must achieve competence in all statements before being judged secure.</i>	<ul style="list-style-type: none"> <li>• Solve equations with algebraic fractions and quadratics</li> <li>• Solve problems involving exponential growth and decay</li> <li>• Solve problems involving direct and inverse proportion</li> <li>• Solve problems involving compound measures and rates of change (numerically and graphically)</li> <li>• Change recurring decimals into fractions</li> <li>• Solve problems involving similarity (including trigonometric ratios) and scale factors</li> </ul>
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.