Subject: Maths	
	Maths Tier 1-2
KS4 target direction	
Advanced *Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.*	• Demonstrate fluency in mathematical concepts taught • Reason mathematically – developing an argument, justification or proof using mathematical language • Apply mathematical concepts to a variety of routine and non-routine problems
Secure *Students must achieve competence in all statements before being judged secure.*	• Find and justify probabilities based on equally likely outcomes • Multiply and divide integers and decimals by 10, 100, 1000 • Add and subtract whole numbers and decimals up to two places • Multiply and divide 2-digit or 3-digit numbers by a single-digit number • Measure and draw angles • Know the sum of angles at a point, on a straight line and in a triangle
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	Maths Tier 3
KS4 target direction	
Advanced *Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.*	• Demonstrate fluency in mathematical concepts taught • Reason mathematically – developing an argument, justification or proof using mathematical language • Apply mathematical concepts to a variety of routine and non-routine problems
Secure *Students must achieve competence in all statements before being judged secure.*	• Find and justify probabilities based on equally likely outcomes in simple contexts • Round whole numbers to the nearest 10, 100 or 1000 and decimals to the nearest whole number or one decimal place • Draw and measure angles to the nearest degree • Multiply and divide three-digit by two-digit whole numbers • Know the sum of angles at point, on a straight line and in a triangle • Recognise vertically opposite angles
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	Maths Tier 4
KS4 target direction	
Advanced *Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.*	• Demonstrate fluency in mathematical concepts taught • Reason mathematically – developing an argument, justification or proof using mathematical language • Apply mathematical concepts to a variety of routine and non-routine problems
Secure *Students must achieve competence in all statements before being judged secure.*	• Find the probability of an event occurring and it not occurring • Multiply a single term over a bracket • Simplify expressions by collecting like terms • Substitute into simple formulae • Understand and use the angle sums of a triangle and quadrilateral • Identify alternate angles and corresponding angles
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	Maths Tier 5
KS4 target direction	
Advanced *Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.*	• Demonstrate fluency in mathematical concepts taught • Reason mathematically – developing an argument, justification or proof using mathematical language • Apply mathematical concepts to a variety of routine and non-routine problems
Secure *Students must achieve competence in all statements before being judged secure.*	• Find the probability of an event happening/not happening • Know that the sum of probabilities of all mutually exclusive outcomes is 1 • Construct and/or simplify algebraic expressions • Factorise simple expressions • Substitute numbers into expressions and formulae • Know and use properties of angles, including polygons
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	Maths Tier 6
KS4 target direction	
Advanced *Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.*	• Demonstrate fluency in mathematical concepts taught • Reason mathematically – developing an argument, justification or proof using mathematical language • Apply mathematical concepts to a variety of routine and non-routine problems
Secure *Students must achieve competence in all statements before being judged secure.*	• Use and interpret tree diagrams for probability • Simplify algebraic fractions • Expand the product of two linear expression of the form $ax \pm b$ • Construct and solve linear equations • Derive a formula and change its subject • Understand and use trigonometric relationships in right-angled triangles, and use these to solve 2D problems
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	Maths Tier 7
KS4 target direction	
Advanced *Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.*	• Demonstrate fluency in mathematical concepts taught • Reason mathematically – developing an argument, justification or proof using mathematical language • Apply mathematical concepts to a variety of routine and non-routine problems
Secure *Students must achieve competence in all statements before being judged secure.*	• Use and interpret tree diagrams to find probabilities with and without replacement • Expand double brackets • Factorise quadratic expressions • Simplify or transform algebraic fractions • Use Pythagoras' theorem to solve problems in 2D and 3D • Use trigonometric relationships to solve problems
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.

Subject: Maths	
	Maths Tier 8-9
KS4 target direction	
Advanced *Students must achieve competence in all objectives in good progress too to be judged as making exceptional progress.*	• Demonstrate fluency in mathematical concepts taught • Reason mathematically – developing an argument, justification or proof using mathematical language • Apply mathematical concepts to a variety of routine and non-routine problems
Secure *Students must achieve competence in all statements before being judged secure.*	• Factorise quadratic expressions • Manipulate algebraic fractions (simplify, add, subtract) • Solve quadratic equations by completing the square • Use sine and cosine rule to solve problems • Calculate the area of a triangle using 1/2absinC • Solve simple trigonometric equations
Developing	4 or more objectives met.
Beginning	Fewer than 4 objectives met.