Attainment Band :	Unit 3 - Constructions and loci, Congruence and Similarity, Pythagoras and Angles in polygons	
	Knowledge and Understanding	**Skills**
Yellow Plus	Understands how to find missing sides of compound shapes 14* Can use mathematical explanations to prove a statement is correct or incorrect 7*	Calculates the shorter side of a right-angled triangle using the hypotenuse and another side and uses this information to solve a perimeter problem 6 Use Pythagoras' theorem to prove whether a triangle is right angled or not 7 Uses the rule for exterior angles in polygons to work out the number of sides when given the interior angle 10 Uses Pythagoras' theorem to find missing sides in compound shapes 14
Yellow	Knows how to find the amount of degrees in a polygon 8* Understands the rule for finding exterior angles in regular polygons 9*	Calculates the hypotenuse of a right-angled triangle given the two shorter sides 5b Calculates the exterior angle of a regular octagon Uses a ruler and a pair of compasses to construct a perpendicular through a point 12 Calculates the interior angle of a regular pentagon 13a Uses angle fact on a straight line and in a triangle to solve problems 13b
Blue	Understands how to describe congruency and provide explanations 3b* Understands how to round an answer to three significant figures 5b	Identifies congruent triangles 3a Recognises vertically opposite angles 4a Calculates the area of a triangle 5a Explain why the interior angles of a pentagon sum to 540 degrees 8a Uses congruent triangles to find a missing side 11a Uses congruent triangles to find a missing angle 11b
Green	Understands the properties of congruent triangles – ASA/SAS 4* Understands how to find the perimeter of shapes 6*	Uses a ruler and pair of compasses to construct an angle bisector 1b Uses a ruler and a pair of compasses to construct a perpendicular bisector 2 Uses the properties of congruent triangles to prove why two triangles are congruent 4b Uses the sum of the internal angles in a pentagon to find missing angles 8b
White	Can use mathematical equipment effectively 1*	Measures an angle using a protractor 1a Identifies the name of a polygon given the number of sides 9/ 10*

* Asterisks mark next to a question number means a question has been broken down into subparts.