

	<b>Key concepts to be covered</b>	<b>Hegarty maths clips</b>
<b>Number: Number Properties:</b> Odds and evens Multiples, factors and primes Cube, square and triangle numbers, Prime factorisation and using it to find HCF and LCM Using a calculator	Square & cube roots	99, 100, 101
	Use a calculator and other technologies to calculate results accurately and then interpret them appropriately	129
	Prime numbers, prime factorisation	28, 29, 30
	Factors, multiples, HCF and LCM	27, 31, 32, 33, 34, 35, 36
	Recognise and use sequences of triangular, square and cube numbers	261

<b>Shape, space and measure: Angle Practice and Construction:</b> Cardinal points, bearings, measuring and drawing angles Nets Construction & Loci Isometric drawing and plans / elevations Practical measuring	Draw and measure angles	458, 459, 460, 461
	Draw/Construct triangles	683
	nets	833, 834, 835, 836
	plans and elevations of 3D shapes	837-844
	interpreting maps and scale drawings	865, 866, 867
	interpret and draw simple bearings	492, 493, 494, 495, 496
	constructions (perpendicular bisector of a line segment, constructing a perpendicular to a given line from/at a given point, bisecting a given angle)	660, 661, 662, 663
	Draw diagrams from written description including bearings	869
loci	674, 675, 676, 677, 678, 679	

<b>Shape, space and measure: Shape &amp; Angle:</b> Properties of shapes (sorting, naming, and classifying) Interior and exterior angles of regular quadrilaterals / polygons Parallel lines Circle geometry	Angles on a straight line, around a point and vertically opposite	479, 480
	Angles in a triangle. Include angles in isosceles triangles	486, 487
	Angles in quadrilaterals	560
	Angles between parallel lines	481, 482, 483
	<b>Bearings and trig(A* only)</b>	531
	Sum of interior and exterior angles of polygons	562, 563, 564
	Missing angles in irregular polygons include algebraic expressions	565
	<b>Circle theorems(Higher only)</b>	603, 604, 605, 606
<b>Circle theorem proofs(A* only)</b>	816-820	