

Year 8		
Spring Term Year 8	vle.mathswatch.co.uk	www.kerboodle.co.uk
<b>Unit 6 Angles in Quadrilateral and Polygons</b>	Mathswatch clips	Textbook reference book 2B/2C
Classify and recognise special quadrilaterals on the basis on their properties	G14	Ex 9.1
Recognise the properties of polygons, including symmetry properties	G11	Ex 9.2
<b>Unit 7 Perimeter and Area of Parallelograms and Trapezia</b>		
Recap area of rectangle, triangle and circle	G20a, G20c	Y7 book 1B/1C chapter 10
Calculate the area of a parallelogram	G20b	Ex 10.1
Calculate the area of a trapezium	G20d	Ex 10.2
Solve problems involving perimeters and areas of composite plane figures	G24	Ex 10.3
<b>Unit 8 Coordinates and Linear Functions</b>		
Construct the Cartesian coordinate system in two dimensions and state the coordinates of points on it	A1a, A1b	Ex 7.1
Plot a graph of a set of ordered pairs as a representation of a relationship between two variables	A14a	Ex 7.1
Recognise the idea of functions	N26	Ex 7.2
Recognise linear functions in the form of $y = mx + c$ and draw their graphs	A14b, A14c	Ex 7.3
Find the gradient of a linear graph	A14c	Ex 7.4
<b>Unit 9 Number Patterns</b>		
Recognise number patterns and sequences	N12	Ex 8.1
Find terms of a sequence using a term-to-term or a position-to-term rule	A11a, A11b	Ex 8.1
Recognise arithmetic and geometric sequences	A11a, A11b, A11c	Ex 8.1
Find the formula for the general (nth) term of an arithmetic sequence	A11c	Ex 8.2
Solve problems involving number patterns and sequences	A11a, A11b, A11c	Ex 8.2 and revision exercise

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