

Scheme Of Work 2020-2021

Subject: Maths

Year Group: 7

Specification: KS3 Maths Progress Pi

Active Learning Opportunities

Year 1

Lesson No	Topic & Objectives	Key Activities & Specialist Terminology	Big Think Q's & Stretch	GCSE Q Stem	Homework	Lit Num SMSC Codes
Lesson No	Topic & Objectives	Key Activities & Specialist Terminology	Big Think Q's & Stretch	GCSE Q Stem	Homework	Lit Num SMSC Codes
12hrs	Expressions, functions & formulae					
35	Find outputs of simple functions written in words and using symbols.	3.1 Functions	Create an equation from reading a worded statement. Create a worded statement from an equation.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 3	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

36	Describe simple functions in words.	<p>Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i></p>	Understand shopping skills e.g. six bags of apples with 5 in each bag is equal to....	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 3	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
37	Simplify simple algebraic expressions by collecting like terms.	3.2 Simplifying expressions 1	Start with symbolic nature of fruit or objects. Build up to collecting letters with no powers.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 3	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

38	Use arithmetic operations with algebra.	<p>Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i></p>	Show ability to use all four operations and apply them to an algebraic expression.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 3	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
39	Use brackets with numbers and letters.	3.3 Simplifying expressions 2	Solve $3(2x+3)$ Move on to $x(2-x)$	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 3	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

40	Simplify more complicated expressions by collecting like terms.	<p>Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i></p>	<p>Start with symbolic nature of fruit or objects. Build up to collecting letters including values including powers</p>	<p>TEQ - Show understanding of worded questions and how marking schemes test working practices</p>	<p>Monopolise your homework Sheet 3</p>	<p>So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9</p>
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
41	Write expressions from word descriptions using addition, subtraction and multiplication.	3.4 Writing expressions	<p>Create an expression from reading a worded statement. Create a worded statement from an expression.</p>	<p>TEQ - Show understanding of worded questions and how marking schemes test working practices</p>	<p>Monopolise your homework Sheet 3</p>	<p>So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9</p>
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

42	Write expressions to represent function machines.	<p>Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i></p>	Transfer a given function into an expression including more than one function, can they do more than two?	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 3	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
43	Substitute positive integers into simple formulae written in words.	3.5 STEM: Substituting into formulae	Using known formula to create a cross curricular impact. E.g. $f=ma$ or $v=sd$	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 3	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

44	Substitute integers into formulae written in letter symbols.	<p>Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i></p>	<p>Start with $Y=2X$ then add more unknowns. Ext can they apply these rules with all elements of BODMAS</p>	<p>TEQ - Show understanding of worded questions and how marking schemes test working practices</p>	<p>Monopolise your homework Sheet 3</p>	<p>So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9</p>
S & C	Corbettmaths Worksheets	<p>Text book exercises , Differentiated to correct level of challenge</p>	<p>Apply Questions differentiated to correct level of challenge</p>			
45	Identify variables and use letter symbols.	<p>3.6 Writing formulae</p>	<p>Create formulae from written statements then solve.</p>	<p>TEQ - Show understanding of worded questions and how marking schemes test working practices</p>	<p>Monopolise your homework Sheet 3</p>	<p>So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9</p>
S & C	Corbettmaths Worksheets	<p>Text book exercises , Differentiated to correct level of challenge</p>	<p>Apply Questions differentiated to correct level of challenge</p>			

46	Write simple formulae using letter symbols.	<p>Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) Show me boards, Coaching, Independent Study, Student teachers etc</p>	<p>Pens are sold in packs of 6 and rulers are sold in boxes of 10.</p> <p>A teacher buys p packs of pens and r boxes of rulers. Write an expression for the total number of pens and rulers bought.</p>	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 3	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
47	Identify formulae and functions.	<p>Text book exercises , Differentiated to correct level of challenge</p>	Understand how to formulate the unknowns to create the correct formulae.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 3	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge				

				TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 3	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
48	Identify the unknowns in a formula and a function.					
Lesson No	Topic & Objectives	Key Activities & Specialist Terminology	Big Think Q's & Stretch	GCSE Q Stem	Homework	Lit Num SMSC Codes
12hrs		Decimals & Measures				
49	Measure and draw lines to the nearest millimetre.	4.1 Decimals and rounding	Accurately draw 2D shapes. Where else could this skill be useful? What careers would use this skill?	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

50	Write decimals in order of size.	<p>Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) Show me boards, Coaching, Independent Study, Student teachers etc</p>		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge				
51	Round decimals to the nearest whole number and to one decimal place.	Text book exercises , Differentiated to correct level of challenge	Show method to working with decimals. Find a rule or short phrase that you can use to help with decimals. Investigate to see if you can find an exception to your rule	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge				

	Round decimals to make estimates and approximations of calculations.		exception to your rule. Why does your rule work/not work?	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
52						
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge				
	Compare measurements by converting them into the same units.	4.2 Length, mass and capacity		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
53						
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

54	Solve simple problems involving units of measurement in the context of length.	<p>Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i></p>		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	<p>Text book exercises , Differentiated to correct level of challenge</p>	<p>Create a table that compares different measurement units. Show how metric measurements crossover with each other</p>			
55	Convert between metric units of length, mass and capacity.					TEQ - Show understanding of worded questions and how marking schemes test working practices
S & C	Corbettmaths Worksheets	<p>Text book exercises , Differentiated to correct level of challenge</p>	<p>Apply Questions differentiated to correct level of challenge</p>			

56	Read scales on a range of measuring equipment.	4.3 Scales and coordinates		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	can you think of a non-numerical measuring unit/system?			
57	Interpret the display of a calculator in different contexts.	Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i>		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

	Interpret metric measures displayed on a calculator.			TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
58		Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
S & C	Corbettmaths Worksheets					
	Plot and read coordinates in all four quadrants.		Create a dot to dot using coordinates in all 4 quadrants	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
59		Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
S & C	Corbettmaths Worksheets					

60	Multiply decimals mentally.	4.4 Working with decimals mentally		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
61	Check a result by considering whether it is of the right order of magnitude.	Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i>		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

	Understand where to position the decimal point by considering equivalent calculations.			TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
62						
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
	Add and subtract decimals.	4.5 Working with decimals		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
63						
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

64	Multiply and divide decimals by single-digit whole numbers.	<p>Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) Show me boards, Coaching, Independent Study, Student teachers etc</p>		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
65	Work out the perimeters of shapes.	4.6 Perimeter	write the formula for perimeters of different shapes using algebraic notation	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

		<p>Do Now: Numeracy Ninja</p> <p>Plenary: TEQ (Typical exam question)</p> <p>Show me boards, Coaching, Independent Study, Student teachers etc</p>					
66	Solve perimeter problems.			Create the hardest possible question for this topic.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge		Apply Questions differentiated to correct level of challenge			
67	Find areas by counting squares.	4.7 Area			TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge		Apply Questions differentiated to correct level of challenge			

68	Calculate the areas of squares and rectangles.	<p>Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) Show me boards, Coaching, Independent Study, Student teachers etc</p>		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge				
69	Calculate the areas of shapes made from rectangles.	<p>Text book exercises , Differentiated to correct level of challenge</p>	Write the formulae in algebraic notation. Can you rearrange the formulae to answer other questions	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge				

	Solve problems involving area.			TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
70						
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
		4.8 STEM: More units		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
71	Choose suitable units to estimate length and area.					
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Create a question that works with the area of a shape with another shape			

	Use units of measurement to solve problems.	<p>Do Now: Numeracy Ninja</p> <p>Plenary: TEQ (Typical exam question)</p> <p>Show me boards, Coaching, Independent Study, Student teachers etc</p>	<p>shape with another shape inside it. Use mixed units to add another level of complexity. Research and add shapes that you may not have been taught in lesson. Answer your question showing all working and all formula used. Identify where you believe people would go wrong on your question.</p>	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
72		<p>Text book exercises , Differentiated to correct level of challenge</p>				
S & C	Corbettmaths Worksheets					
	Use metric and imperial units.			TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 4	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
73						
Lesson No	Topic & Objectives	Key Activities & Specialist Terminology	Big Think Q's & Stretch	GCSE Q Stem	Homework	Lit Num SMSC Codes
12hrs		Fractions				

74	Use fraction notation to describe parts of a shape.	5.1 Comparing fractions		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
75	Compare simple fractions.	Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) Show me boards, Coaching, Independent Study, Student teachers etc		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

	Use a diagram to compare two or more simple fractions.			TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
76						
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
	Change an improper fraction to a mixed number.	5.2 Simplifying fractions		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
77						
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

78	Identify equivalent fractions.	<p>Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) Show me boards, Coaching, Independent Study, Student teachers etc</p>		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
79	Simplify fractions by cancelling common factors.				TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

80	Add and subtract simple fractions.	5.3 Working with fractions	Can pupils convert between FDP before calculating successfully?	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
81	Calculate simple fractions of quantities.	Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) Show me boards, Coaching, Independent Study, Student teachers etc		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

82	Work with equivalent fractions and decimals.	5.4 Fractions and decimals		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
83	Write one number as a fraction of another.	Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) Show me boards, Coaching, Independent Study, Student teachers etc		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

		5.5 Understanding percentages		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
84	Understand percentage as 'the number of parts per 100'.					
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
		Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) Show me boards, Coaching, Independent Study, Student teachers etc		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
85	Convert a percentage to a number of hundredths or tenths.					
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

	Work with equivalent percentages, fractions and decimals.			TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
86						
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
		5.6 Percentages of amounts		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 5	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
87	Use different strategies to calculate with percentages.					
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

		<p>Do Now: Numeracy Ninja</p> <p>Plenary: TEQ (Typical exam question)</p> <p>Show me boards, Coaching, Independent Study, Student teachers etc</p>		<p>TEQ - Show understanding of worded questions and how marking schemes test working practices</p>	<p>Monopolise your homework Sheet 5</p>	<p>So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9</p>
88	Express one number as a percentage of another.					
Lesson No	Topic & Objectives	Key Activities & Specialist Terminology	Big Think Q's & Stretch	GCSE Q Stem	Homework	Lit Num SMSC Codes
12hrs		Lines & angles				
	Describe and label lines, angles and triangles.	8.1 Lines, angles and triangles		<p>TEQ - Show understanding of worded questions and how marking schemes test working practices</p>	<p>Monopolise your homework Sheet 8</p>	<p>So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9</p>
117						
S & C	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Are there different ways of labeling a triangle?			

S & C	118	Identify angle, side and symmetry properties of triangles.	<p>Do Now: Numeracy Ninja</p> <p>Plenary: TEQ (Typical exam question)</p> <p>Show me boards, Coaching, Independent Study, Student teachers etc</p>		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
		Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
S & C	119	Use a protractor to measure and draw angles.	8.2 Estimating, measuring and drawing angles		TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
		Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

S & C	120	Estimate the size of angles.	Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) Show me boards, Coaching, Independent Study, Student teachers etc Text book exercises , Differentiated to correct level of challenge	Estimate the size of angles.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
		Corbettmaths Worksheets		Apply Questions differentiated to correct level of challenge			
S & C	121	Solve problems involving angles.	Text book exercises , Differentiated to correct level of challenge	Solve problems involving angles.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
		Corbettmaths Worksheets		Apply Questions differentiated to correct level of challenge			

122	Use a ruler and protractor to draw triangles accurately.	8.3 Drawing triangles accurately	Use a ruler and protractor to draw triangles accurately.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
123	Solve problems involving angles and triangles.	Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i>	Solve problems involving angles and triangles.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
	Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

124	Use the rule for angles on a straight line, angles around a point and vertically opposite angles.	8.4 STEM: Calculating angles Text book exercises , Differentiated to correct level of challenge	Use the rule for angles on a straight line, angles around a point and vertically opposite angles.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
	Corbettmaths Worksheets		Apply Questions differentiated to correct level of challenge			
125	Solve problems involving angles.	Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i>	Solve problems involving angles.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
	Corbettmaths Worksheets		Apply Questions differentiated to correct level of challenge			

126	Use the rule for the sum of angles in a triangle.	8.5 Angles in a triangle Text book exercises , Differentiated to correct level of challenge	Use the rule for the sum of angles in a triangle.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
	Corbettmaths Worksheets		Apply Questions differentiated to correct level of challenge			
127	Calculate interior and exterior angles.	Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i>	Calculate interior and exterior angles.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
	Corbettmaths Worksheets		Apply Questions differentiated to correct level of challenge			
S & C						

S & C	128	Solve angle problems involving triangles.		Solve angle problems involving triangles.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
		Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			
S & C	129	Identify and name types of quadrilaterals.	8.6 Quadrilaterals	Identify and name types of quadrilaterals.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
		Corbettmaths Worksheets	Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge			

S & C	130	Use the rule for the sum of angles in a quadrilateral.	Do Now: Numeracy Ninja Plenary: TEQ (Typical exam question) <i>Show me boards, Coaching, Independent Study, Student teachers etc</i>	Use the rule for the sum of angles in a quadrilateral.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9
		Corbettmaths Worksheets		Text book exercises , Differentiated to correct level of challenge	Apply Questions differentiated to correct level of challenge		
	131	Solve angle problems involving quadrilaterals.		Solve angle problems involving quadrilaterals.	TEQ - Show understanding of worded questions and how marking schemes test working practices	Monopolise your homework Sheet 8	So2, So6, So7 , M1, C3, C5, C6 , Sp2 Sp9