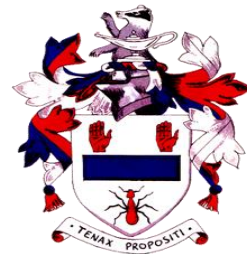




Year 8 Summer Assessment 2022 – Revision Checklist



TOPIC	TEXTBOOK REF.	LEARNING INTENTIONS	
1 Number 1	Chapter 1	<ul style="list-style-type: none"> • Use mental maths skills. • Add and subtract whole numbers. • Use estimation skills. 	
2 Number 2	Chapter 2	<ul style="list-style-type: none"> • Multiplication and division of whole numbers. • Use the correct order of operations for calculations. 	
3 Number and Patterns	Chapter 4	<ul style="list-style-type: none"> • Recognise prime, square and cube numbers. • Understand multiples and factors. • Spot patterns in lists of numbers. • Generate a sequence using a rule. 	
4 Angles	Chapter 10	<ul style="list-style-type: none"> • Estimate angles. • Measure and draw angles using a protractor. • Understand the compass points. 	
5 Algebra 1	Algebra Booklet	<ul style="list-style-type: none"> • Understand that letters can represent unknown values. • Understand and combine like terms to simplify expressions. • Solve equations. • Substitute numbers for letters in an expression. 	
6 Managing Information	Chapters 3 and 22	<ul style="list-style-type: none"> • Organise data using tally charts. • Draw bar charts, line graphs, pictograms and pie charts. • Understand what discrete data is and how to group it. 	
7 Symmetry	Chapter 11	<ul style="list-style-type: none"> • Understand line symmetry. • Understand rotational symmetry. • Find planes of symmetry in a 3D shape. 	
8 Triangles, Angles and Quadrilaterals	Chapter 12	<ul style="list-style-type: none"> • Know sum of angles in a triangle. • Construct triangles using compass and protractor. • Identify and name different types of triangles and quadrilateral. 	
9 Probability	Chapter 13	<ul style="list-style-type: none"> • Understand and use the probability scale. • Use correct notation for writing probability. • Understand relative frequency. 	
10 Algebra 2	Algebra Booklet	<ul style="list-style-type: none"> • Multiply algebraic terms together. • Further simplification and substitution. • Solve equations involving fractions. • Solve equations needing more than one step. 	

11 Coordinates	Chapter 16	<ul style="list-style-type: none"> • Plot and write down coordinates involving positive and negative numbers. • Draw shapes using coordinates. 	
12 Fractions, Decimals and %'s	Chapters 5 and 6	<ul style="list-style-type: none"> • Understand and use numerators, denominators and equivalent fractions. • Write a fraction as a decimal/percentage and vice versa. • Find a fraction of a quantity. • Add and subtract fractions/decimals. • Use mixed numbers and improper fractions. 	
13 Parallel Lines and Angles	Chapter 15	<ul style="list-style-type: none"> • Understand and use corresponding, alternate and interior angles. • Solve problems involving these angles. 	
14 More Decimals	Chapter 7	<ul style="list-style-type: none"> • Multiply and divide decimals. • Round numbers to a certain number of decimal places. 	