



Year 9 Summer Assessment 2022 – Revision Checklist



TOPIC	TEXTBOOK REF.	LEARNING INTENTIONS	
17 Area 1	Chapter 14 (7A)	<ul style="list-style-type: none"> Understand and use metric units of area. Calculate perimeters and areas of rectangles and squares. Calculate perimeters and areas of compound shapes. 	
18 Formulae and Directed Numbers	Chapter 1 (7A)	<ul style="list-style-type: none"> Construct a formula using words and letters. Use a formula to generate answers. Use $>$ and $<$ signs. Add and subtract with negative numbers. Use negative numbers in formulae. 	
19 Summarising and Comparing Data	Chapter 19 (7A)	<ul style="list-style-type: none"> Calculate the three averages [mean, median and mode] for: (i) a list of numbers. (ii) a frequency table. Decide which average is best to use. Calculate and understand the range. 	
20 Prime Factors, HCF and LCM	Chapter 4 (7A)	<ul style="list-style-type: none"> Write a number as a product of its prime factors. Find the HCF and LCM of 2 or more numbers by listing. Find the HCF and LCM by prime factorisation. Solve problems involving HCF and LCM. 	
21 Solids and Volume	Chapter 20 (7A)	<ul style="list-style-type: none"> Draw cubes and cuboids on isometric paper. Draw nets of cubes and cuboids, plans and elevations. Calculate volume of cubes and cuboids. Change units of volume. 	
22 Algebra - Equations	Chapter 21 (7A)	<ul style="list-style-type: none"> Simplify algebraic expressions. Form equations from written information. Solve equations with x on both sides. 	
23 Polygons	Chapter 6 (8A)	<ul style="list-style-type: none"> Recognise and name polygons. Understand and use interior and exterior angles. Calculate missing angles in polygons. Understand tessellations. 	
24 Indices and Standard Form	Chapter 1 (8A)	<ul style="list-style-type: none"> Understand and use the laws of indices. Understand and use zero and negative indices. Change between standard form and ordinary numbers. 	
25 Fractions – Multiplying and Dividing	Chapter 3 (8A)	<ul style="list-style-type: none"> Multiply fractions and mixed numbers by one another. Divide by a fraction or mixed number. Understand and use the term reciprocal. 	

26 Probability 2	Chapter 2 (8A)	<ul style="list-style-type: none">• Calculate the probability of an event <u>not</u> happening.• Draw a possibility space.• Use a possibility space to calculate probabilities.	
-----------------------------------	---------------------------------	---	--