



Year 10 Summer Assessment 2021 – Revision Checklist



TOPIC	TEXTBOOK REF.	LEARNING INTENTIONS	
33 Transformations (1)	Chapter 11	<ul style="list-style-type: none"> Understand how to reflect a shape in a mirror line. Translate a shape using a vector. Rotate a shape through 90°, 180° and 270° about (0,0). Describe transformations fully. 	
35 The Circle	Chapter 9	<ul style="list-style-type: none"> Use and understand the language of a circle. Calculate the circumference and area of a circle. Calculate the perimeters and areas of shapes, including sectors. 	
36 Algebra – Equations and Inequalities	Chapters 12 and 17	<ul style="list-style-type: none"> Solve simple equations involving fractions. Understand and use inequality symbols. Solve inequalities. Represent solutions on a number line. 	
38 Family Finance	Family Finance Booklet	<ul style="list-style-type: none"> Complete percentage change, discount and compound interest calculations. Complete calculations involving currency exchange. 	
39 Pythagoras' Theorem	Chapter 21	<ul style="list-style-type: none"> Find the hypotenuse of a right-angled triangle. Find the shorter side of a right-angled triangle. Find lengths in an isosceles triangle. 	
42 Volume 2 - Prisms	Chapter 18	<ul style="list-style-type: none"> Understand the terms cross-section and prism. Calculate the volume of a prism, including a cylinder. Use the formula for density, mass and volume. 	
43 Continuous Data	Chapter 15	<ul style="list-style-type: none"> Understand the meaning of continuous data and class boundaries. Draw frequency diagrams for continuous data. Calculate mean and median for grouped continuous data. Identify the modal class. 	