



Year 9 Winter Assessment 2024 – Revision Checklist



Topic	Text Book Ref.	Learning Intentions
1 Area of Shapes and Compound Area	1	<ul style="list-style-type: none"> • Understand and use metric units of area.
		<ul style="list-style-type: none"> • Calculate perimeters and areas of rectangles and squares.
		<ul style="list-style-type: none"> • Calculate the areas of triangles and parallelograms.
		<ul style="list-style-type: none"> • Calculate perimeters and areas of compound shapes.
		<ul style="list-style-type: none"> • Understand the use of square roots.
		<ul style="list-style-type: none"> • Find missing measurements given the area.
2 Averages from a Frequency Table	1	<ul style="list-style-type: none"> • Calculate the three averages [mean, median and mode] from a frequency table.
		<ul style="list-style-type: none"> • Decide which average is best to use.
		<ul style="list-style-type: none"> • Compare different sets of data.
		<ul style="list-style-type: none"> • Calculate and understand the range.
3 Algebra 1 - Equations	1	<ul style="list-style-type: none"> • Simplify algebraic expressions. • Form equations from written information. • Solve equations with x on both sides.
4 3D Shapes and Volume	1	<ul style="list-style-type: none"> • Draw cubes and cuboids on isometric paper. • Draw nets of cubes and cuboids. • Understand and use plans and elevations. • Calculate volume of cubes and cuboids. • Change units of volume.