



Year 9 Winter Assessment 2023 – 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.