

5th Year OL Maths Revision List:

Link to Revision	Topic	OneNote	Learning Intention	Green	Orange	Red
	Algebra					
		1 - Algebra 1 L2, 3, 4	Multiplying algebraic expressions (brackets)			
		1 - Algebra 1 L6, 7, 8	Solving Linear Equations			
		1 - Algebra 1 L9 - 13	Solving Linear Equations with Fractions			
		1 - Algebra 1 L14 - 16	Solving Linear Inequalities			
		1 - Algebra 1 L18 - 20	Solving Linear Simultaneous Equations			
		2 - Algebra 2 L1 - 7	Factorising and finding the roots			
		2 - Algebra 2 L8	Using the roots to form a quadratic equation			
		Algebra 2 L10 - 12	Indices			
		2 - Algebra 2 L13, 14	Surds			
	Coordinate Geometry of The Line					
		3 - Co-ordinate Geometry of the Line L2	Midpoint			
		3 - Co-ordinate Geometry of the Line L3	Slope			

		3 - Co-ordinate Geometry of the Line L4	Distance between 2 points			
		3 - Co-ordinate Geometry of the Line L5 - 7	Equation of a line			
		3 - Co-ordinate Geometry of the Line L8, 9, 10	Graphing Lines			
		3 - Co-ordinate Geometry of the Line L11	Area of a triangle			
		3 - Co-ordinate Geometry of the Line L10 1 - Algebra 1 L18 - 20	Point of Intersection of 2 lines (Simultaneous Equations)			
	Coordinate Geometry Of the Circle					
		4 - Coordinate Geometry of the Circle L1,2	Equation of a circle with centre (0,0)			
		4 - Coordinate Geometry of the Circle L3	Points inside/on/outside a circle			
		4 - Coordinate Geometry of the Circle L4	Equation of a circle with centre (h,k)			
		4 - Coordinate Geometry of the Circle L5, 7	Intersection of a circle and a line/axes			
	Complex Numbers					
		5 - Complex numbers L1	Argand Diagrams (Plotting Complex Numbers)			
		5 - Complex numbers L2	Adding and subtracting			
		5 - Complex numbers L3	Multiplying			

		5 - Complex numbers L4	Dividing			
		5 - Complex numbers L5	Modulus			
		5 - Complex numbers L6	Equality of Complex Number			
	Trigonometry					
		6 - Trigonometry L1	Pythagoras Theorem			
		6 - Trigonometry L2 - 5	Sin, Cos and Tan			
		6 - Trigonometry L6	Area of a triangle			
		6 - Trigonometry L7	Sine Rule			
		6 - Trigonometry L8, 9	Cosine Rule			
	Probability					
		7 - Probability L1, 2	Theoretical Probability			
		7 - Probability L3	Relative Frequency			
		7 - Probability L4	Expected Value			
		7 - Probability L5	Addition Rule			
		7 - Probability L6	Probability and Venn Diagrams			
		7 - Probability L7	Probability and Tree Diagrams			
		7 - Probability L8	Multiplication Rule			
		7 - Probability L9	Fundamental Principle of Counting			
	Perimeter, Area and Volume					

		8 - Perimeter, Area and Volume L1, 2	Perimeter and Area of 2D shapes			
		8 - Perimeter, Area and Volume L3 - 5	Volume and Surface Area of 3D shapes			
		8 - Perimeter, Area and Volume L6	Practical Problems			
		8 - Perimeter, Area and Volume L7	Trapezoidal Rule			