

	<u>Topic</u>	<u>Y8 Revision List - Review 3</u>	😊	😐	😊
1	Expressions	Using expressions			
		Simplifying expressions (collecting like terms, mult/div algebra)			
		Substitution			
		Expand and factorise single brackets			
		Expand double brackets			
2	Indices and Roots	Squares, cubes and their roots			
		Powers and roots			
		Surds (extension topic - with a calculator)			
3	Ratio	Identify, simplify and equivalent			
		Sharing in a given ratio, given total or information other than the total			
		Solving problems with ratio			
		Unitary method, higher sets to do exchange rates			
4	Area	Rectangles, triangles and parallelograms			
		Trapezia			
		Composite shapes			
		Circles - circumference and area			
		Surface area for prisms			
5	Percentages	Finding % of amounts without a calculator			
		Increase or decrease by a %			
		Expressing fractions as a percentages			
		Understanding % beyond 100%			
		Reverse percentages using a unitary method (extension topic)			
6	Volume	Cuboids and compound cuboids			
		Volume of prisms			
7	Angles	Point, line, vertically opposite, triangle reminder			
		Angles on parallel lines - corresponding, alternate, co-interior			
		Polygons - interior/exterior angles			
8	Sequences	Term-to-term / position to term rules			
		Linear nth terms - finding and using			
		Fibonacci sequences			
9	Measures	Metric units of length, capacity and mass (incl. understanding their sizes)			
		Conversion between units			
		Convert between imperial and metric units (extension topic)			
		Time			
10	Solving Equations	One-step and two-step recap			
		Equations including brackets			
		Equations with the variable on both sides			
11	Scale Diagrams	Using map scales (such as 1:10000)			
		Bearings			
		Using scale diagrams to solve problems			