






# DO NOT JUST READ – DO QUESTIONS!

## Year 9 End of Year Revision List

Exam Week : w/c 21<sup>st</sup> May 2018

				
Percentages	Find Percentage of an Amount			
Chapter 1	Percentage Increase and Decrease			
	Percentage Change (Profit/Loss)			
	Repeated % Change (Multipliers)			
	Compound Interest			
Algebraic Manipulation	Collect Like Terms			
Chapter 2	Expand Brackets			
	Factorise Expressions			
	Solve Single Sided Equations			
	Solve Double Sided Equations			
Polygons	Angles in Triangles			
Chapter 3	Angles in Quadrilaterals			
	Interiors/Exterior Angles of Polygons			
Data	Scatter Graphs			
Chapter 4	Mean, Mode, Median			
	Grouped Data Tables			
	Cumulative Frequency Diagrams			
	Median and IQR			
Graphs	Interpret Time Graphs			
Chapter 5	Draw Exponential Graphs			
Pythagoras' Theorem	Finding any Side of a Triangle			
Chapter 6	Using Pythagoras Thm in Problems			
Fractions	Add Sub Mixed Numbers/Fractions			
Chapter 7	Mult Div Mixed Numbers /Fractions			
	Cancel Down Algebraic Fractions			
	Add Subtract Algebraic Fractions			
	Recurring Decimals to Fractions			
Algebra	Expand Two and Three Brackets			
Chapter 8	Factorise Quadratic Expressions			
	Difference of Two Squares			
Decimal Numbers	Powers of 10			
Chapter 9	Standard Form			
	Upper and Lower Bounds			

				
Surface Area	Surface Area of Cylinders			
Chapter 10	Volume of Cylinders			
	Volume of Composite Shapes			
Graphs	Plot Straight Line			
Chapter 11	Find the Gradient of a Drawn Line			
	Find the Equations of a Drawn Line			
	Plot Quadratic and Cubic Curves			
	Use Graphs to Solve Quadratics			
Compound Units	Speed, Distance, Time			
Chapter 12	Density and Other Compound Measure			
	Convert Metric Units			
Simultaneous Equations	Solve Graphically			
(Not in text book)	Solve Algebraically			
Trigonometry	Use Sin, Cos, Tan on Calculator			
Chapter 13	Find a Missing Length			
(After Easter Topic)	Find a Missing Angle			
Proportionality	Direct Proportion			
(Not in text book)	Inverse Proportion			
(After Easter Topic)				

**REMEMBER THE ONLY WAY TO REVISE MATHS**

**IS TO ACTUALLY DO QUESTIONS!!**

Use your exercise books and textbooks as your primary resource but don't forget you can use Mymaths (Login: Henry8, Password: Hexagon).

If you need additional help then pop into KS3 workshop:

**Thursday M4 1.30pm onwards**

**Friday M3 1.30pm onwards**