




# YEAR 7

Pupils will be assessed on the topics listed below.  
Pupils may use the following websites to assist with their revision:

CORBETT MATHS – <https://corbettmaths.com/>

BBC BITESIZE (KS3) – <http://www.bbc.co.uk/education/subjects/zqhs34j>

BBC BITESIZE (KS4) – <http://www.bbc.co.uk/education/subjects/z38pycw>

Topic:			
Place Value – comparing numbers using $>$ $<$ $=$			
Number Sequences			
Written Methods – Addition & Subtraction			
Written Methods – Long Multiplication			
Perimeter			
Deriving Multiplication & Division Facts (e.g. if $5 \times 3 = 15$ , what is $1500 \div 30$ ?)			
Long Multiplication			
Metric Conversions (e.g. $\text{cm} \rightarrow \text{m}$ , $\text{g} \rightarrow \text{kg}$ )			
Square & Cube Numbers			
Order of Operations (BIDMAS)			
Prime Numbers			
Fractions – Representing in Pictures			
Fractions – Comparing			
Fractions – Equivalent			
Fractions – Mixed Numbers & Improper			
Fractions of an Amount			
Lowest Common Multiple (LCM)			
Statistics – Averages			
Statistics – Types of Data			
Statistics – The Data Handling Cycle			
Statistics – Reading & Using Bar Charts			
Negative Numbers			
Algebra – Writing Expressions			
Algebra – Simplifying Algebraic Expressions			
Algebra – Solving Equations			
Algebra – Substitution			






# YEAR 8

Pupils will be assessed on the topics listed below.  
Pupils may use the following websites to assist with their revision:

CORBETT MATHS – <https://corbettmaths.com/>

BBC BITESIZE (KS3) – <http://www.bbc.co.uk/education/subjects/zqhs34j>

BBC BITESIZE (KS4) – <http://www.bbc.co.uk/education/subjects/z38pycw>

Topic:			
Fractions – Mixed Numbers & Improper Fractions			
Fractions – Division			
Fractions – Increasing / Decreasing by a Fraction			
Percentages – Calculating			
Percentages – Problem Solving			
Percentages - % Increase / Decrease			
Comparing Fractions, Decimals & Percentages			
Algebra – Simplifying Algebraic Expressions			
Algebra – Expanding a Bracket			
Algebra – Factorisation			
Algebra – Use of $< > =$			
Algebra – Inequalities on a number line			
Algebra – Solving Inequalities			
Metric Conversions (e.g. $\text{cm} \rightarrow \text{m}$ , $\text{cm}^2 \rightarrow \text{m}^2$ )			
Geometry - Perimeter & Area of Polygons			
Geometry – Circumference & Area of Circles (giving answers in terms of $\pi$ )			
Ratio & Proportion – Dividing into a Ratio			
Ratio & Proportion – Speed / Distance / Time			
Ratio & Proportion – Value for Money			
Ratio & Proportion – Converting Money			
Ratio & Proportion – Recipes			
Ratio & Proportion – Problem Solving			