



## Mathematics CURRICULUM OVERVIEW

### Key Stages 3 & 4

YEAR	TOPICS	TERMLY INDEPENDENT WORK
7	Number Work, Fractions, Decimals, Percentages, Geometry, Area, Introduction to Algebra, Statistics, Factors and multiples.	1) Preparation for assessments week commencing 2nd October (for progress data 18 <sup>th</sup> October) 2) Preparation for assessments week commencing 4 <sup>th</sup> December (for progress data 13 <sup>th</sup> December)
8	Indices, Algebra, Fractions, Constructions, Angles, Compound areas, Circumference, Area, Statistics, Volume, Prime factorisation.	1) Preparation for assessments week commencing 2nd October (for progress data 18 <sup>th</sup> October) 2) Preparation for assessments week commencing 4 <sup>th</sup> December (for progress data 13 <sup>th</sup> December)
9	Proportion, Sequences, Linear graphs, Quadratic equations, Similar shapes, Functions, Venn diagrams, More algebra, Surface area.	1) Preparation for assessments week commencing 2nd October (for progress data 18 <sup>th</sup> October) 2) Preparation for assessments week commencing 4 <sup>th</sup> December (for progress data 13 <sup>th</sup> December)
10	Work on all four strands are covered – Number, Algebra, Shape and Space, Data Handling	1) Preparation for assessments week commencing 2nd October (for progress data 18 <sup>th</sup> October) 2) Preparation for assessments week commencing 27 <sup>th</sup> November (for progress data 2 <sup>nd</sup> December)
11	Work on all four strands are covered – Number, Algebra, Shape and Space, Data Handling	1) Preparation for assessments week commencing 2nd October (for progress data 18 <sup>th</sup> October) 2) Preparation for assessments week commencing 4 <sup>th</sup> December (for progress data 13 <sup>th</sup> December)

#### PLEASE NOTE:

- This overview sets out a general summary of the basic curriculum taught. It is not an exhaustive list of what may be taught and subject teachers may follow the above in a different order. Further details may be obtained from the Head of Department, if required.
- The Independent Work indicated represents core, headline tasks per term; weekly/fortnightly independent/homework is set in all subject areas, and details are noted in Pupil Planners.