Year 7 Curriculum Map 2022-23

Unit	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Algebra		**5: Intro to Algebra** Simplifying. Expanding linear. Factorising linear. Expression/Formulae Substitution. Solving (1 & 2 step).	**7: Coordinates and Graphs** Drawing lines. Gradient. Y=mx+c	**12: Sequences** Term to term rules. The nth term. Standard patterns.		
Number	**1: Decimals** Calculations. **2: Fractions** Calculations. Equivalent. Conversions. **3: Calculations** BIDMAS. Long mult/div. Directed numbers. Estimations. Rounding.		**9: Percentages** As one quantity of another. Of amounts. Increase and decrease. Frac Dec Perc.		**14: Ratio** Setting up. Simplifying. Dividing amounts. Using direct proportion graphs. Problem solving.	**15: Units of Measure** Metric units. Using conversion graphs. Metric units of area and volume.
Shape and Space		**6: Angles and Shape** Tessellations. Parallel lines angles. Polygons. Interior/Exterior angles.		**10: 2D and 3D shapes** Area and Perimeter of basic and compound shapes. Names and Nets of 3D. Surface area and volume of cuboids & prisms.		**17: Transformations** Symmetry. Rotations. Reflections. Translations. Enlargements.
Statistics		**4: Probability** Sample spaces. Two way tables. Events. Probabilities.	**8: Averages and Spread** Mean, mode, median, range. Comparisons.	**11: Intro to data** Continuous data. Frequency diagrams. Pie Charts. Misleading charts.	**13: Representing Data** Scatter diagrams. Correlation. Frequency polygons.	**16: Grouped Data** Averages from grouped data. Comparing data.