Year 8   Mathematics

Subject Title	Mathematics
Setting information	Two parallel sides of the year, six sets on each side
Time allowed	7 lessons per fortnight
Homework information	Set once per week. These will be a variety of consolidating skills learnt in class and also retrieval practice of skills already learnt.

Term	Topics	Skills	Assessment
1	Proportional Reasoning	• Ratio & Scale • Multiplicative Change • Multiplying & Diving Fractions	Assessments occur every two consecutive skill blocks.
2	Representations	• Working in the Cartesian Plane • Collecting and representing data • Tables & Probability	Assessments occur every two consecutive skill blocks. End of Autumn Term assessment.
3	Algebraic Techniques	• Brackets, Equations & Inequalities • Sequences • Indices	Assessments occur every two consecutive skill blocks.
4	Developing number	• Fractions & Percentages • Standard Index Form • Number Sense	Assessments occur every two consecutive skill blocks. End of Spring Term assessment.

5	Developing Geometry	• Angles in Parallel lines & polygons • Area of trapezia & circles • Line symmetry & Reflection	Assessments occur every two consecutive skill blocks.
6	Reasoning with Data	• The Data Handling Cycle • Measures of location	Assessments occur every two consecutive skill blocks. End of year assessment.
Links to websites and revision materials:		www.mymaths.co.uk www.collinsconnect.co.uk www.whiterose.com www.nrich.maths.org	