Year 8 Mathematics Curriculum Overview

Michaelmas Term 1	Rounding and estimating, Ratio, Scale, Similarity, Direct Proportion, Coordinates and lines parallel to axis, Y=kx and direct proportion	Rounding and estimating, Ratio week 1, Ratio week 2, Direct Proportion, Scale, Multiply fractions, Divide fractions
Michaelmas Term 2	Y=mx+c, Averages, Frequency Tables, Multiplying Fractions, Dividing Fractions	Symmetry and translation, Forming and manipulating algebraic expressions, Expanding and factorising single brackets, Solving equations, Inequalities
Epiphany Term 1	Percentages using Multipliers and problem solving, Percentage Increase and Decrease, Data Handling, Frequency trees and tree diagrams with replacement, Tree diagrams without replacement, Relative Frequency and two-way tables, Venn Diagrams	Fractions decimals and percentages, Percentages, Data, Probability, Indices, Standard form
Epiphany Term 2	Form and manipulate basic equations and expressions, Expand and factorise, Solving equations, Form and solve inequalities, Indices, Calculations with standard form, Unit conversions, Sequences	Sequences, Cartesian plane week 1, Cartesian plane week 2, Averages, Frequency tables, Pie charts, Unit conversions and money, Correlation
Easter Term 1	Indices, Calculations with Standard Form, Unit Conversions, Sequences	Frequency tables, Pie Charts, Unit Conversions and Money, Correlation
Easter Term 2	Constructions, Angle problem solving, Bearings, Compound area and perimeter, Volume and surface area	Angles week 1, Angles week 2, Constructions, Area and perimeter, Compound area and perimeter