Year 8 Maths

Subject and Year Group	Autumn Year 8		Autumn 2 Year 8	Spring 1 Year 8	Spring 2 Year 8		Summer 1 Year 8	Summer 2 Year 8	
Topic/Unit to be studied	G2 Geometric Notation, Properties of Shapes, Constructions	G3 Angle Reasoning	A3 Linear Equations & Inequalities	R1 Proportional Reasoning	N7 FDP Equivalence & Fractions / Percentages of Amounts	P1 Probability of Single & Combined Events	G4 Circles	S1 Collecting & Representing Data	S2 Measures of Central Tendency & Spread
Core Knowledge and skills	This unit focusses on the notation involved in Euclidean geometry, the properties of 2 dimensional shapes and constructions.	This unit focusses on the magnitude and properties of angles, and angle reasoning.	This unit focusses on developing skills of solving equations and inequalities.	This unit focusses on multiplicative thinking to make comparisons between objects.	This unit focusses on FDP equivalence and their uses in calculations.	This unit focusses on representing outcomes and finding probabilities of events.	This unit focusses on the properties of circles.	This unit focusses on types of data and methods of data collection and representation.	This unit focusses on measures of central tendency and spread to analyse data.
Assessment for and of Learning	Each unit is assessed using a formative (open book) topic test followed by responsive DIRT and application lessons. Throughout each unit homework is set by the class teacher using Hegarty Maths. A summative (closed book) end of year assessment is also undertaken in the summer term.								