Subject: Maths		Developed by: T Lunel	Date: 19/5/2022

Overall department INTENT

The Maths Department at BGN aims to teach all students how to use numbers effectively in everyday life as well as equipping them with the skills to gain GCSE Maths in Year 11.

Year 7 INTENT

We are guided by four underlying principles: high expectations for every child; depth before breadth; number sense and place value come first; problem solving at the heart of the subject."

IMPLEMENTATION

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	Solve word problems (add and subtract)	**Explain and investigate (multiply and divide)**	**Geometry**	**Fractions**	**Applications of algebra**	**Percentage and statistics**
	Place value (including decimals)	Factors and multiples	Draw and measure angles	Equivalent fractions	Order of applications	Construct and interpret statistical diagrams including pie charts
	Add and subtract (including decimals)	Multiply and divide (including decimals)	Find unknown angles (straight lines, at a point, vertically opposite)	Compare and order fractions and decimals	Substitution	
	Rounding	Area of rectangle, triangle and parallelogram		Change mixed numbers to improper fractions and vice versa	Form and simplify algebraic expressions	Convert between percentages, vulgar fractions and decimals
	Perimeter	Calculate the mean	Properties of triangles and quadrilaterals		Expand over a single bracket and factorise	
	Mental strategies	Further mental strategies	Unit conversions (linear)	Fraction of a quantity	Sequences (term-to-term, not nth term)	Percentage of a quantity
			Symmetry and	Multiply and divide fractions		Find the while, given the part and the percentage

		tessellation			