CURRICULUM PLAN MATHEMATICS (5 years)

Saint Michael's CE High School
A Church of England Academy

YEAR	TRINITY 2	MICHAELMAS 1	MICHAELMAS 2	LENT 1	LENT 2	TRINITY 1
7		**Main Topic:** Probability **Revisit:** Number - Calculations (Year 6) **Assessment:** Probability & Calculations	**Main Topic:** Number - Calculations (Integers and Decimals) **Revisit:** Geometry – (Year 6) **Assessment:** Integers and Decimals	**Main Topic:** Number - Number Theory **Revisit:** Number - Calculations Integers and Decimals (Year 7) **Assessment:** Number Theory	**Main Topic:** Algebra – Sequences **Revisit:** Probability (Year 7) **Assessment:** Year 7 Summary Exam	**Main Topic:** Equations, Expressions Inequalities and Formulae **Revisit:** Algebra – Sequences (Year 7)
8	**Main Topic:** Number – Calculations Fractions **Revisit:** Algebra – Expressions, equations, inequalities and formulae (Year 7)	**Main Topic:** Geometry - Units, Perimeter, Area and Volume **Revisit:** Number – Fractions **Assessment** Units, perimeter, area & volume and Equations, Expressions Inequalities and Formulae	**Main Topic:** Geometry – Angles **Revisit:** Number – Number Theory	**Main Topic:** Ratio, Proportion and Rates of Change **Revisit:** Algebra – Sequences Number – Calculations Fractions **Assessment:** Year 7-8 Summary Exam	**Main Topic:** Statistics **Revisit:** Units, Perimeter, Area and Volume **Assessment:** Ratio and Proportion & Fractions	**Main Topic:** Geometry - Visualisations **Revisit:** Probability Statistics

9	**Main Topic:** Algebra - Using Functions **Revisit:** Integers and Decimals Equations, Expressions Inequalities and Formulae	**Main Topic:** Geometry - Transformations **Revisit:** Number - Calculations (Fractions) Algebra - Using Functions **Assessment:** Angles, visualisations and transformations	**Main Topic:** Equations, expressions and formulae **Revisit:** Units, Perimeter, Area & Volume Ratio, Proportion and Rates of Change	**Main Topic:** Geometry - Constructions and Loci **Revisit:** Number - Number Theory Equations, expressions Inequalities and formulae **Assessment:** Year 7-8 Summary Exam	**Main Topic:** Number - Calculations Percentages **Revisit:** Statistics Geometry – Angles	**Main Topic:** Geometry - Visualisations **Revisit:** Geometry – Transformations Geometry – Visualisations 8 **Assessment:** Expressions, constructions and percentages
10	**Main Topic:** Ratio, Proportion and Rates of Change **Revisit:** EEIF 9 , Probability, algebra -	**Main Topic:** Equations, expressions and formulae **Revisit:** Number Calculations – Fractions, algebra – sequences Equations, expressions Inequalities and formulae	**Main Topic:** Probability **Revisit:** Ratio, Proportion and Rates of Change Geometry – Angles **Assessment:** Visualisations, ratio and EEIF 10	**Main Topic:** Trigonometry and Pythagoras **Revisit:** Number - Calculations Percentages Number - Calculations Integers and Decimals **Assessment:** Year 7-9 Summary Exam	**Main Topic:** Statistics **Revisit:** Transformations and vectors Number - Number Theory	**Main Topic:** Geometry - Angles **Revisit:** Geometry - Constructions and Loci Calculations (Percentages) **Assessment:** Probability, trigonometry and Pythagoras

11	**Main Topic:** Number - Number Theory	**Main Topic:** Units, Perimeter, Area and Volume	**Main Topic:** Algebra - Using Functions	**Main Topic:** Transformations and Vectors	**Main Topic:** Exam technique and practise	**GCSE Exams**
	Revisit: Equations, expressions Inequalities and formulae	**Revisit:** Geometry - Angles	**Revisit:** Ratio, Proportion and Rates of Change	**Revisit:** Statistics	**Revisit:** Number - Number Theory	
	Probability	Geometry - Trigonometry and Pythagoras		Probability	Geometry - Units, Perimeter, Area and Volume	
				Algebra – Using Functions	Algebra – Sequences	
		Assessment: Statistics, angles and number theory	**Assessment:** Mock GCSE Exam	**Assessment:** Practice GCSE papers	**Assessment:** Practice GCSE papers	