

# Buckingham School

## Curriculum Map

### Maths

		AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
KEY TOPIC/VALUE							
YEAR 6 / PRIMARY SCHOOL LEARNING	CONTENT	Buckingham primary Bourton Meadow Winslow CofE Roundwood	Buckingham primary Bourton Meadow Winslow CofE Roundwood	Buckingham primary Bourton Meadow Winslow CofE Roundwood	Buckingham primary Bourton Meadow Winslow CofE Roundwood	Buckingham primary Bourton Meadow Winslow CofE Roundwood	Buckingham primary Bourton Meadow Winslow CofE Roundwood
	SKILLS	Winslow C of E follow the White Rose scheme of maths. They use the 5 B's Brain, Boards, Book, Buddy, Boss and ideas about growth mind set. Roundwood First school uses the Maths No Problem scheme of work					
	THEMES						

YEAR 7	CONTENT	2: Numbers 1: Analysing and displaying data	3: Algebra 4: Decimals and Measures  Maths baseline assessment	5: Fractions and Percentages 6: Probability	7: Ratio and Proportion 8: Angles  Assessments	9: Sequences and Graphs	10: Transformations
	SKILLS						
	THEMES	Number Statistics	Number Algebra	Number Probability	Geometry Ratio & Proportion	Number Algebra	Geometry
YEAR 8	CONTENT	1: Number 2: Area and Volume  Assessments	3: Statistics, Graphs And Charts 4: Expressions and Equations	5: Real life graphs 6: Decimals and Ratios	7: Lines and Angles 8: Calculating with Fractions	9: Straight Line Graphs 10: Percentages, Decimals, and Fractions  Assessments	10: Percentages, Decimals, and Fractions  Assessments
	SKILLS						
	THEMES	Number Geometry	Algebra Statistics	Statistics Number	Geometry Number	Algebra Number	Number
YEAR 9	CONTENT	1: Indices and Standard form 2: Expressions and Formulae  Assessments	3: Dealing with Data 4: Multiplicative Reasoning	5: Constructions 6: Sequences, Inequalities and Proportion 7: Circles, Pythagoras and Prisms	8: Graphs  Assessments	9: Probability	10: Comparing Shapes

	SKILLS						
	THEMES	Number Algebra	Statistics Number	Geometry Algebra Ratio and Proportion	Algebra	Probability	Geometry
YEAR 10 FOUNDATION	CONTENT	1: Number 2: Algebra 3: Graphs, Tables and Charts	4: Fractions and Percentages 5: Equations, Inequalities and Sequences  Assessments	6: Angles 7: Averages and Range 8: Perimeter, Area and Volume 9: Graphs	9: Graphs 10: Transformations 11: Ratio and Proportion	12: Right Angled Triangles 13: Probability	14: Multiplicative Reasoning  Assessments
	SKILLS						
	THEMES	Number Algebra Statistics	Number Algebra	Geometry Statistics and Probability	Algebra Geometry Ratio and proportion	Geometry Proportion	Number
YEAR 10 HIGHER	CONTENT	1: Number 2: Algebra 3: Statistics	4: Fractions, Decimals and Percentages 5: Angles and Trigonometry 6: Graphs  Assessment	7: Area and Volume 8: Transformations and Constructions 9: Equations and Inequalities	10: Probability 11: Multiplicative Reasoning 12: Similarity and Congruence	14. Further Statistics 15: Equations and Graphs (Unit 13 to be done in Y11)	16: Circle Theorems  Assessments
	SKILLS						

	THEMES	Number Algebra Statistics	Number Geometry Algebra	Geometry Algebra	Geometry Number Probability	Statistics Algebra	Geometry
YEAR 11 FOUNDATION	CONTENT	12: Pythagoras 13: Probability 17: Perimeter, Area and Volume 2	15: Constructions, Locii and Bearings 18: Fraction's Indices and standard form 19: Congruence, Similarity and Vectors  Assessments	9: Graphs 16: Quadratic Equations and Graphs 20: More Algebra	Revision  Assessments	Revision  Exams	
	SKILLS						
	THEMES	Geometry probability	Geometry Number	Algebra			
YEAR 11 HIGHER	CONTENT	13: More Trigonometry 18: Vectors and Geometric Proof 19: Proportion and Graphs	17: More Algebra  Assessments	Revision	Revision  Assessments	Revision  Exams	
	SKILLS						
	THEMES	Geometry Prortion	Algebra				

YEAR 12	CONTENT	Algebraic Expressions Equations and Inequalities Graphs and Transformations Straight Line Graphs Quadratics Circles Algebraic Methods	Straight Line Graphs Binomial Expansion Vectors Trigonometric Ratios Trigonometric Identities and Equations Review	Modelling with Mechanics Constant Acceleration Data Collection Measures of Location and Spread Representations of Data	Forces and Motion Variable Acceleration Correlation Probability Statistical Distributions	Differentiation Integration Hypothesis Testing Exponentials and Logarithms	Revision Exam Trigonometry A2
	SKILLS						
	THEMES						
YEAR 13	CONTENT	Algebraic Methods Functions and Graphs Sequences and Series Radians Trigonometric Functions Trigonometry and Modelling	Mocks Review Trigonometry and Modelling Sequences and Series Binomial Expansion Differentiation Vectors	Differentiation Integration Parametric Equations Numerical Methods	Revision Mocks Review Regression, Correlation and Hypothesis Testing Conditional Probability Moments Forces and Friction	Forces and Friction Projectiles Application of Forces Further Application Conditional Probability The Normal Distribution Revision	Exams
	SKILLS						

	THEMES						
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