



Wellfield High School

'Inspire - Challenge - Achieve - Nurture'

Maths

Curriculum Year Plans



YEAR PLAN	Year 7		
TERM	UNIT	ASSESSMENT TYPE	HOMEWORK OPPORTUNITIES INCLUDE:
Autumn 1	Unit 1 Calculations Unit 2 Factors and multiples Unit 3 bar modelling and fractions	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Autumn 2	Unit 4 Algebra	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Spring 1	Unit 5 place value Unit 6 fractions, decimals and percentages	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Spring 2	Unit 7 Percentages	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Summer 1	Unit 8 Area and Perimeter	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Summer 2	Unit 9 Problem solving and mastery	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice

YEAR PLAN	Year 8		
TERM	UNIT	ASSESSMENT TYPE	HOMEWORK OPPORTUNITIES INCLUDE:
Autumn 1	Unit 1 Introducing calculators Unit 2 Calculating with standard Unit 3 Sequences	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Autumn 2	Unit 4 Algebra 1 Formulae Unit 5 Percentages Unit 6 Algebra 2 Graphs	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Spring 1	Unit 8 Ratio and Proportion Unit 7 Measures	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Spring 2	Unit 9 Pythagoras Theorem Unit 10 Surds	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Summer 1	Unit 11 Volume	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Summer 2	Unit 12 data	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice

YEAR PLAN	Year 9		
TERM	UNIT	ASSESSMENT TYPE	HOMEWORK OPPORTUNITIES INCLUDE:
Autumn 1	Foundation / Higher Unit 1 Number Unit 2 Factors and Multiples Unit 3 Angles Unit 4 Scale drawings and Bearings	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Autumn 2	Foundation / Higher Unit 5 Algebra practice Unit 6 Coordinates and line graphs Unit 7 Calculating with fractions Unit 8 Calculating with Decimals Unit 9 Rounding	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Spring 1	Foundation / Higher Unit 10 Representing data Unit 11 Sequences Unit 12 Calculating with percentages Unit 13 Perimeter and Area	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Spring 2	Foundation / Higher Unit 14 Circumference and area of circles Unit 15 Ratio and proportion Unit 16 Probability	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Summer 1	Foundation / Higher Unit 17 Equations Unit 18 Scatter graphs Unit 19 Transformations	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Summer 2	Foundation Unit 20 Measures Unit 21 Pythagoras' Theorem Unit 22 2D representations of 3D shapes Higher Unit 20 Compound measures Unit 21 2D representations of 3D shapes Unit 22 Pythagoras Theorem and introduction to Trigonometry	End of unit assessments End of year exams.	Hegarty Maths Research tasks Skills practice

YEAR PLAN	Year 10		
TERM	UNIT	ASSESSMENT TYPE	HOMEWORK OPPORTUNITIES INCLUDE:
Autumn 1	Foundation Unit 23 Indices Unit 24 Standard Form Unit 25 Calculating with percentages Unit 26 Properties of Polygons Higher Unit 23 Index laws Unit 24 Standard form calculations Unit 25 Calculating with percentages Unit 26 Properties of polygons	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Autumn 2	Foundation Unit 27 Statistical measure Unit 28 Further Perimeter and Area Unit 29 Constructions and Loci Higher Unit 27 Statistical measures Unit 28 Circle theorems Unit 29 Construction and Loci	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Spring 1	Foundation Unit 30 Algebra recap and extension Unit 31 Congruence and Similarity Unit 32 Introduction to Trigonometry Higher Unit 30 Algebra recap Unit 31 Congruence and similarity Unit 32 Trigonometry Recap and extension	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Spring 2	Foundation Unit 33 Graphs Recap and extension Unit 34 Real life graphs Unit 35 Further circumference and area Unit 36 Basic probability Higher Unit 33 Introduction to quadratics and rearranging formulae Unit 34 Linear and quadratic equations and their graphs Unit 35 Number reac and review Unit 36 Surds	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice
Summer 1	Foundation		Hegarty Maths

	Unit 37 Probability diagrams Unit 38 Simultaneous equations Unit 39 Algebra and graphs Higher Unit 37 Probability Unit 38 Simultaneous equations Unit 39 Equation of a circle	End of unit assessments Half term assessment	Research tasks Skills practice
Summer 2	Foundation Unit 40 Volume Functional maths Higher Unit 40 Real life graphs Unit 41 Volume Functional maths	End of unit assessments End of year mock exams	Hegarty Maths Research tasks Skills practice

YEAR PLAN	Year 11		
TERM	UNIT	ASSESSMENT TYPE	HOMEWORK OPPORTUNITIES INCLUDE:
Autumn 1	Foundation Unit 41 Quadratics and rearranging formulae Unit 42 Solving quadratic equations Unit 43 Quadratic graphs Higher Unit 42 Further quadratics and rearranging formulae Unit 43 Further equations and graphs Unit 44 Sketching graphs Unit 45 Gradients and rates of change	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice Revision activities
Autumn 2	Foundation Unit 44 Direct and inverse proportion Unit 45 Trigonometry Higher Unit 46 Direct and inverse proportion Unit 47 Further sketching graphs Unit 48 Sine and Cosine rule	End of unit assessments Mock exam	Hegarty Maths Research tasks Skills practice Revision activities
Spring 1	Foundation Unit 46 Sketching graphs Unit 47 Vectors Unit 48 Inequalities Higher Unit 49 Transforming functions Unit 50 Inequalities Unit 51 Vectors Unit 52 Algebraic fractions Unit 53 Pre-calculus and area under a curve	End of unit assessments Half term assessment	Hegarty Maths Research tasks Skills practice Revision activities
Spring 2	Foundation Unit 49 Growth and decay Number revision Algebra revision Probability revision Higher Unit 54 Growth and decay Unit 55 Numerical methods Number revision Algebra revision	End of unit assessments Mock exam	Hegarty Maths Research tasks Skills practice Revision activities
Summer 1	Foundation and higher Statistics revision Geometry and measures revision Ratio and proportion revision	Practice papers	Hegarty Maths Research tasks Skills practice Revision activities

