



YEAR 7	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
	Calculating 1 Counting and comparing Exploring fractions, decimals and fractions Number and the number system	Checking and approximating Measuring space 1 Calculating space 1	Calculating 2 Proportional reasoning	Visualising and constructing 1 Investigating angles Investigating properties of shape Measuring space 2	Measuring space 2 Visualising and constructing 2 Algebraic proficiency	Pattern sniffing Solving equations and inequalities Mathematical movement
YEAR 8	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
	Measuring space 1 Calculating space 1 Proportional reasoning Visualising and constructing 1 Investigating angles	Investigating properties of shape Measuring space Visualising and constructing 2 Algebraic proficiency Pattern sniffing Solving equations and inequalities Mathematical movement	Mathematical movement Understanding risk Presentation of data Calculating 3	Calculating 3 Calculating fractions, decimals and percentages Numbers and the number system 2 Calculating space	Calculating space 2 Proportional reasoning 2 Visualising and constructing 3	Investigating angles 2 Visualising and constructing 4 Mathematical movement 2
YEAR 9	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
	Calculating Fractions, decimals and percentages Checking, approximating and estimating	Numbers and the number system Calculating space Proportional reasoning	Mathematical movement Visualising and constructing Investigating angles	Solving equations and inequalities Pattern sniffing Algebraic proficiency: tinkering Algebraic proficiency: visualising	Understanding risk 1 Understanding risk 2	Presentations of data Measuring data Bridging the gap units



The Henry Box School  
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MATHS

CURRICULUM



	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6	
YEAR 10	Basic number, factors and multiples Fractions and decimals Basic percentages Basic algebra Rounding	Coordinates and linear graphs Sequences Perimeter and area Circumference Properties of polygons	Real life graphs Ratio and proportion Calculating with percentages Angles, scale diagrams and bearings Measures	Transformations Congruence and similarity 2d representations of 3d shapes Constructions and loci	Equations Indices Standard Form Collecting and representing data	Basic Probability Statistical measures	
YEAR 11							



A LEVEL MATHS

CURRICULUM



		TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
YEAR 12	TEACHER 1	Problem solving Trigonometry Graphs and Transformations Binomial expansion	Problem solving Trigonometry Graphs and Transformations Binomial expansion	Forces and motion Differentiation	Differentiation Variable acceleration Intgeration	Integration Exponential and logarithms Sequences	Sequences Revision
	TEACHER 2	Surds and Indices Quadratic functions Equatiosn and inequalities Polynomials	Co-ordinate geometry - straight lines and the circle Probability	Data collection Data presentation Data processing Data interpetation	The binomial distribution Statistical hypothesis testing using the binomial distribution	Algebra - Binomial expansion Algebra - Rational expressions Algebra - Partial fractions	Functions - transformations Functions - Inverse and composite Fucntions - Modulus Revision
		TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
YEAR 13	TEACHER 1	Differentiation Trigonometric functions Vectors Proof	Kinematics Projectiles Forces and Motion	Integration - By substitution and by identity Integration - By Parts Differential equations	Parametric equations Friction Moments	Comprehension paper practice Revision	
	TEACHER 2	Integration - Finding areas Trigonometry	Trigonometric identities Further Differentiation Sequences and series	Probability Probability distributions	Probability distributions Hypothesis testing Numerical methods	Revision	



		TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
YEAR 12	TEACHER 1	Quadratic functions Functions Graphs and transformations Algorithms Graphs and networks Differentiation	Differentiation Critical path analysis	Linear programming	Matrices Graphs and transformations	Integration and differential equations	Revise Modelling with Algorithms
	TEACHER 2	Surds and Indices Equations and inequalities Polynomials Coordinate Geometry Roots of equations	Roots of equations Integration	Numerical methods Parametric equations Complex numbers review	Differentiation	Trigonometry	Revise Pure and practise Comprehension papers
	TEACHER 3	Exponentials and logarithms Kinematics Vectors Sequences and series, including binomial expansion	Complex numbers	Variable acceleration Projectiles	Moments Friction	Proof Induction	Revise Pure and Mechanics
	TEACHER 4	Data collections Data processing, presentation and interpretation Probability Binomial distribution	The binomial distribution Statistical hypothesis testing using the binomial distribution	Normal distribution Hypothesis testing approximating from normal	Hypothesis testing Discrete random variables Sampling	Bivariate data Chi-squared tests	Revise Statistics