



DRAYTON MANOR HIGH SCHOOL

Key Stage 3 Curriculum

Mathematics

	Autumn	Spring	Summer
7	<ul style="list-style-type: none">• Number line• Operations with fractions and decimals• Negative numbers• Priority of operations	<ul style="list-style-type: none">• Expressions• Equations• Sequences	<ul style="list-style-type: none">• Angles• Transformation and shape• Tessellations
8	Delta classes <ul style="list-style-type: none">• Factors and powers• 2D shapes and 3D solids• Real life graphs	Delta classes <ul style="list-style-type: none">• Transformations• Fractions, decimals and percentages• Constructions and loci	Delta classes <ul style="list-style-type: none">• Probability• Scale drawings and measures• Linear and non-linear graphs
	Theta classes <ul style="list-style-type: none">• Number• Area and volume• Expressions and equations	Theta classes <ul style="list-style-type: none">• Real-life graphs• Decimals and ratio• Lines and angles	Theta classes <ul style="list-style-type: none">• Calculating with fractions• Straight-line graphs• Percentages, decimals and fractions
	Pi classes <ul style="list-style-type: none">• Number properties and calculations• Shapes and measures in 3D• Expressions and equations	Pi classes <ul style="list-style-type: none">• Decimal calculations• Angles• Number properties	Pi classes <ul style="list-style-type: none">• Sequences• Fractions and percentages• Probability

9	Delta classes <ul style="list-style-type: none"> • Powers and roots • Quadratics • Inequalities, equations and formulae • Collecting and analysing data 	Delta classes <ul style="list-style-type: none"> • Multiplicative reasoning • Non-linear graphs • Accuracy and measures 	Delta classes <ul style="list-style-type: none"> • Graphical solutions • Trigonometry • Mathematical reasoning
	Theta classes <ul style="list-style-type: none"> • Indices and standard form • Expressions and formulae • Multiplicative reasoning 	Theta classes <ul style="list-style-type: none"> • Constructions • Equations, inequalities and proportionality • Circles, Pythagoras and prisms 	Theta classes <ul style="list-style-type: none"> • Sequences and graphs • Probability • Comparing shapes
	Pi classes <ul style="list-style-type: none"> • Number calculations • Sequences and equations • Fractions, decimals and percentages 	Pi classes <ul style="list-style-type: none"> • Geometry in 2D and 3D • Algebraic and real-life graphs • Multiplicative reasoning 	Pi classes <ul style="list-style-type: none"> • Algebraic and geometric formulae • Probability • Polygons and transformations