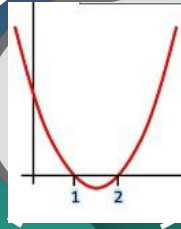


KS3

Maths Mastery Learning Journey

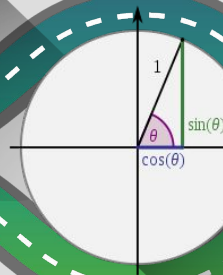
Quadratic and exponential functions

Quadratic equations
Quadratic graphs
Standard form
Exponential growth and decay



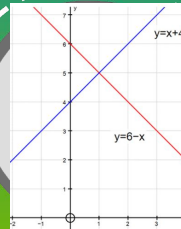
Trigonometry

Constructions and loci
Congruence
Pythagoras' theorem
Similarity, enlargement
Surds
Trigonometry



Probability and linear equations

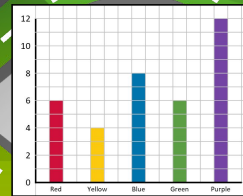
Probability
Sets and Venns
Simultaneous equations
Equations on graphs



Y9

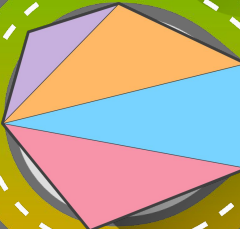
Statistics

Frequency diagrams
Summarising data
Scatter graphs



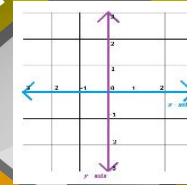
Geometry

Angles in polygons
Bearings
Accuracy
Circles
Volume and surface area



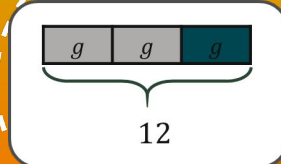
Graphs

Linear graphs
Real life graphs
Rates of change
Direct and inverse proportion



Algebra

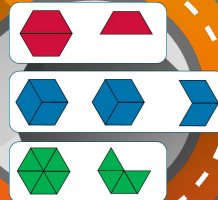
Percentages
Sequences
Equations
Inequalities
Ratio notation
Coordinates in 2-D
Transformations



Y8

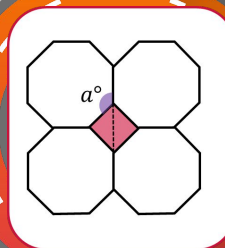
2-D shapes Fractions

Construction
Area and perimeter
Understanding fractions
Calculating with fractions



Algebra and measure

Equations and inequalities
Prime factors
Angles
Classifying 2D shapes



The number system

Place value
Multiplication, division
Factors and multiples
Order of operations
Negative numbers
Algebraic expressions



Y7