



Subject specific quote
Career pathways



Spring Term (1)
Algebra, ratio & proportion & Geometry
-Sketching graphs
-Direct & indirect proportion
-Inequalities
-Pythagoras Theorem
-Trigonometry

Spring Term (2)
Geometry, algebra, number & probability
-Equations
-Indices & surds
-Basic probability
-Standard form
-Measures

Autumn Term (1)
Geometry, algebra & ratio & proportion
-Perimeter area & circumference
-Real life graphs
-Ratio & proportion
-Properties of polygons

Autumn Term (2)
Algebra, number & statistics
-Rounding
-Collecting & representing data
-Sequences
-Basic percentages

Summer Term (1)
Ratio & proportion, geometry & algebra
-Growth & decay
-Vectors
-Transforming functions
-Sine & cosine rules
-Circle theorems

Summer Term (2)
Geometry & number
-Transformations
-Congruence & similarity
-2D representations of 3D shapes
-Percentages

Summer Term (1)
Algebra & revision
-Gradients and rates of change
-Pre-calculus and area under a curve
-Algebraic fractions

Summer Term (2)
Number & statistics
-Statistical measure
-Construction & loci

Autumn Term (1)
Geometry, number & algebra
-angles, scale diagrams & bearings
-Basic number, factors & multiples
Basic algebra review
-Fractions & decimals
Coordinates & linear graphs

Autumn Term (2)
Reasoning with Geometry
-Deduction
-Rotation & translation
Pythagoras' Theorem

Summer Term (1)
Reasoning with Proportion
-Enlargement & similarity
-Solving ratio & proportion problems
-Rates

Summer Term (2)
Representations & Revision
-Probability
Algebraic

Spring Term (1)
Reasoning with Number
-Numbers
-Using percentages
-Maths & money

Autumn Term (2)
Constructing in 2 & 3 dimensions
-Three dimensional shapes:
-Congruence

Autumn Term (1)
Reasoning with Algebra
-Straight line graphs
-Forming & solving

Spring Term (2)
Developing Number
-Fractions & percentages

Summer Term (1)
Developing Geometry
-Angles in parallel lines & polygons
-Area of trapezia & circles
-Line symmetry & reflection

Summer Term (2)
Reasoning with Data
-The data handling cycle
-Mean

Spring Term (1)
Algebraic Techniques
-Brackets, equations & inequalities
-Sequences
-Indices

Autumn Term (2)
Representations
-Working in the Cartesian plane
-Representing data
-Tables & probability

Autumn Term (1)
Proportional reasoning
-Ratio & scale
-Multiplicative change
-Multiplying & dividing fractions

Spring Term (2)
Directed number & fractional thinking
-Operations & equations with directed number
-Addition

Summer Term (1)
Lines & angles
-Constructing, measuring & using geometric notation
-Developing geometric reasoning

Summer Term (2)
Reasoning with number
-Developing number sense
-Sets & probability
-Prime numbers & proof

Spring Term (1)
Applications of number
-Solving problems with addition & subtraction
-Solving problems with multiplication and division
-Fractions

Autumn Term (2)
Place Value & proportion
-Place value & ordering integers & decimals
-Fraction percentages and decimal equivalents

Autumn Term (1)
Algebraic Thinking
-Sequences
-Understand & use algebraic notation
-Equality

Year 11

Year 10

Year 9

Year 8

Year 7

Nurture - Inspire - Enable

Your Maths Parkfield journey starts here...

CATs
Parkfield induction days