Subject: Maths Foundation | **Curriculum Journey Map 2021-22**

Subject specific quote

Career pathways

AQA

YEAR 11

Spring Term (1)

Algebra, ratio & proportion & Geometry
-Sketching graphs
-Direct & indirect proportion
-Pythagoras Theorem
-Trigonometry

Spring Term (2)

Ratio & proportion, geometry & algebra
-Growth & decay
-Vectors
-Quadratic equations
-Quadratic graphs

Summer Term (1)

Revision

Autumn Term (2)

Algebra
-Inequalities
Algebra & graphs
Simultaneous equations

Autumn Term (1)

Probability, geometry, algebra & statistics
-Probability
-volume
-Quadratics & rearranging formulae
Scatter graphs

YEAR 10

Spring Term (2)

Geometry, algebra, number & probability
-Properties of polygons
-Equations
-Indices
-Standard form
-Basic probability

Summer Term (1)

Geometry
-Measures
-Transformations
-Congruence & similarity

Summer Term (2)

Geometry, number & statistics
-2D representation of 3D shapes
-Percentages
-Statistical measure
-Construction & loci

YEAR 9

Spring Term (1)

Number, geometry, algebra & ratio & proportion
-calculating with percentages
-perimeter, area & circumference
-Ratio & proportion
-Real life graphs

Autumn Term (2)

Algebra, number & statistics
-Coordinates & linear graphs
-Rounding & limits of accuracy
-Interpret, construct and analyse data
-recognise, use & deduce sequences

Autumn Term (1)

Geometry, number & algebra
-Use conventional terms & notations
-Scale diagrams
decimals & fractions
manipulate algebraic expressions
-identify & interpret linear functions

Spring Term (2)

Reasoning with Geometry
-Deduction
-Rotation & translation
Pythagoras' Theorem

Summer Term (1)

Reasoning with Proportio
-Enlargement & similarity
-Solving ratio & proportion problems
-Rates

Summer Term (2)

Representations & Revision
-Probability
Algebraic

YEAR 8

Spring Term (1)

Reasoning with Number
-Numbers
-Using percentages
-Maths & money

Autumn Term (2)

Constructing in 2 & 3 dimensions
-Three dimensional shapes
-Cons ongruenc

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 u
reflectio

Summer Term (2)

Reasoning with Data
-The data handling cycle
-Mea cation

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 chang
-Multiplying & dividing fractio

YEAR 7

Spring Term (2)

Directed number & fractional thinking
-Operations & equations with directed number
-Additio fractio

Summer Term (1)

Lines & angles
-Constructing, measuring & using geometric notation
-Developing geometric reasoning

Summer Term (2)

Reasoning with numbe
-Developing number sens
-Sets & probability
-Prime numbers & proof

Spring Term (1)

Applications of number
-Solving problems wi addition & subtraction
-Solving problems with multiplication and division
-Fractions of amounts

Autumn Term (2)

Place Value & proportion
-Place value & ordering integers & decimals
-Fraction percentages and decimal equ

Autumn Term (1)

Algebraic Thinki
-Sequences
-Understand & use algebraic notation
-Equali lence

CATs

Parkfield induction days

Your Maths Parkfield journey starts here…