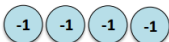




$$\frac{6}{10} + 0.3$$

Fractional Thinking

- Addition and subtraction with fractions



+1

Directed Number

- Four operations with directed number

Application of Number

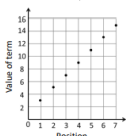
- Solving problems with addition and subtraction
- Multiplication and division
- Fractions and decimals of amounts

Place Value and Proportion

- Place value
- Ordering integers and decimals
- Fraction, decimal and percentage equivalence

Algebraic Thinking

- Sequences
- Understand and use algebraic notation
- Equality and equivalence



Position	1	2	3	4
Term	3	5	7	9

Lines and Angles

- Constructing, measuring and using geometric notation

Reasoning with Number

- Developing number sense
- Sets and probability
- Prime numbers and proof

Mathematics

Reasoning with Geometry

- Rotation and Translation
- Pythagoras' Theorem
- Trigonometry
- Vectors

Reasoning with Number

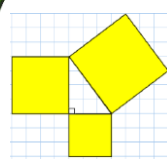
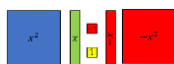
- Numbers
- Using percentages
- Maths and money

Constructing in 2 and 3 Dimensions

- Three dimensional shapes
- Constructions and congruency

Reasoning with Algebra

- Straight line graphs
- Forming and solving equations



Similarity

- Congruence, similarity and enlargement

Developing Algebra

- Representing solutions of equations and inequalities
- Simultaneous equations

Geometry

- Angles and bearings
- Working with circles

Proportions and Proportional Change

- Ratio and fractions
- Percentages and interest
- Probability



Reasoning with Proportion

- Enlargement and similarity
- Solving ratio and proportion problems
- Rates

Representations

- Solving problems using graphs, tables and algebra
- Probability

Reasoning

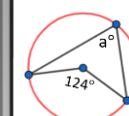
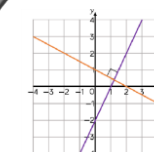
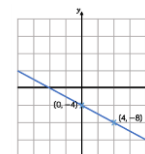
- Multiplicative
- Geometric
- Algebraic

Algebra

- Expanding and factorising
- Changing the subject
- Functions

Graphs

- Gradients and lines
- Non-linear graphs
- Using graphs



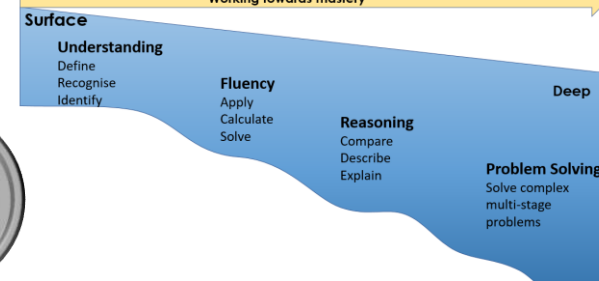
Revision and Communication

- Transforming and constructing
- Listing and describing
- Show that...

Examinations

Further Maths
A Level Maths
Core Maths

Working towards mastery



Using Number

- Non-calculator methods
- Types of number sequences
- Indices and roots

Delving into Data

- Collecting, representing and interpreting data

Developing Number

- Fractions and percentages
- Standard index form
- Number sense

Developing Geometry

- Angles in parallel lines and polygons
- Area of trapezia and circles
- Line symmetry and reflection

Reasoning with Data

- Measures of location