



Samuel Barlow
Primary Academy

Maths Curriculum

Overview



Coherent
small steps

Representation
and structure

Mathematical
thinking

Variation

Fluency

Mathematics Curriculum Summary Map

For detailed progression
click each title

**Mapping and
Assessing Progress**

Pre-Key Stage
Standards

Nursery

Reception

Year 1

Year 2

Number and
Place Value

**Cognition:
Using number**

Cardinality and counting

Count in steps of 2, 3, 5, 10
Compare and order up to 100
Read, write to 100 in numerals and words
Place Value in 2 digit numbers

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Compare and order up to 100
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Place Value in 2 digit numbers

Addition and
Subtraction

Composition

Represent and use facts to 20
+ & - 1 digit and 2 digit nos. to 20, reading, writing mathematical statements using + & -

Recall facts to 20 fluently—+ & - using concrete, pictorial and mentally with two-digit nos. and 3 single digit nos. Rec. inverse and commutativity

Multiplication
and Division

B Squared

Count in multiples
of 2s, 5s, 10s

Count in Steps as above; recall x & / facts for 2, 5, 10
Show that x is commutative but / is not. Use symbols to record

Fractions, Decimals
and Percentages

Recognise, find and draw a half as one of two equal parts, or a quarter as one of four equal parts of an object, shape or quantity

Count in fractions up to 10 and using equivalence. Recognise, name, find and write fractions as equal parts of an object, shape or quantity using halves and quarters, recognising equivalence.

Measurement

**Cognition: Problem
solving
Representing Ideas**

Measures

Compare, describe and solve practical problems using lengths, mass, volume/capacity and time. Sequence events in chronological order. Measure for & use 1 p, 2 p, 5 p, 10 p coins, notes to make a value and solve problems involving money. Measure, compare and sort objects by length, mass, volume/capacity and time.

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Geometry—properties of
shapes
Geometry—position and
direction

**Cognition: Problem
solving
Representing Ideas**

Pattern

Rec. & name 2D and 3D shapes, comparing and sorting

Identify and describe properties of 2D and 3D shapes, comparing and sorting them and every day objects

Statistics

**Communication:
Handling
Information**

Shape

Describe position, direction and movement including half, quarter and three-quarter turns.

Use mathematical vocabulary to describe position, direction, & movement inc. rotation. Draw & arrange patterns and sequences

Algebra Ratio
and Proportion

Solve one-step problems using + & - and missing number problems using concrete objects and pictorial representations. Recall & use + & - facts within 20. Sequence events in chronological order.

Interpret and construct simple pictograms, tally charts, block diagrams and simple tables. Ask and answer questions about time. Read and compare categorical data.

