



Curriculum Outline Year 2

A Guide for Year 2 Math Curriculum

YEAR 2

6-7 years

UNIT 1

NUMBER: PLACE VALUE WITHIN 20

- Counting forwards and backwards within 20
- Tens and ones within 20
- Counting forwards and backwards within 50
- Tens and ones within 50
- Compare numbers within 50
- Count objects to 100 and read and write numbers in numerals and words
- Represent numbers to 100
- Tens and ones with a part-whole model
- Tens and ones using addition
- Use a place value chart
- Compare objects
- Compare numbers
- Order objects and numbers
- Count in 2s
- Count in 5s
- Count in 10s
- Count in 3s

UNIT 3

MEASUREMENT: MONEY

- Recognising coins and notes
- Count money – pence
- Count money – pounds (notes and coins)
- Count money – notes and coins
- Select money
- Make the same amount
- Compare money
- Find the total
- Find the difference
- Find change
- Two-step problems

UNIT 2

NUMBER: ADDITION & SUBTRACTION

- Fact families – addition and subtraction bonds to 20
- Check calculations
- Compare number sentences
- Related facts
- Bonds to 100 (tens)
- Add and subtract 1s
- 10 more and 10 less
- Add and subtract 10s
- Add by making 10
- Add a 2-digit and 1-digit number – crossing ten
- Subtraction - crossing 10
- Subtract a 1-digit number from a 2-digit number – crossing ten
- Add two 2-digit numbers – not crossing ten – add ones and add tens
- Add two 2-digit numbers – crossing ten – add ones and add tens
- Subtract a 2-digit number from a 2-digit number – not crossing ten
- Subtract a 2-digit number from a 2-digit number – crossing ten – subtract ones and tens
- Find and make number bonds
- Bonds to 100 (tens and ones)
- Add three 1-digit numbers

UNIT 4

NUMBER: MULTIPLICATION AND DIVISION

- Make equal groups
- Add equal groups
- Make arrays

UNIT 1

NUMBER: MULTIPLICATION AND DIVISION

- Recognise equal groups
- Make equal groups
- Add equal groups
- Multiplication sentences using the \times symbol
- Multiplication sentences from pictures
- Use arrays
- Make doubles
- 2 times-table
- 5 times-table
- 10 times-table
- Make equal groups - sharing
- Make equal groups - grouping
- Divide by 2
- Odd and even numbers
- Divide by 5
- Divide by 10

UNIT 3

GEOMETRY: PROPERTIES OF SHAPE

- Recognise 2D and 3D shapes
- Count sides on 2D shapes
- Count vertices on 2D shapes
- Draw 2D shapes
- Lines of symmetry
- Sort 2D shapes
- Make patterns with 2D shapes
- Count faces on 3D shapes
- Count edges on 3D shapes
- Count vertices on 3D shapes
- Sort 3D shapes
- Make patterns with 3D shapes

UNIT 2

STATISTICS

- Make tally charts
- Draw pictograms (1-1)
- Interpret pictograms (1-1)
- Draw pictograms (2, 5, 10)
- Interpret pictograms (2, 5, 10)
- Block diagrams

UNIT 4

NUMBER: FRACTIONS

- Make equal parts
- Recognise a half
- Find a half
- Recognise a quarter
- Find a quarter
- Recognise a third
- Find a third
- Unit fractions
- Non-unit fractions
- Equivalence of $\frac{1}{2}$ and $\frac{2}{4}$
- Find three quarter
- Count in fractions

UNIT 1

MEASUREMENT: LENGTH AND HEIGHT

- Compare lengths and heights
- Measure lengths (1)
- Measure lengths (2)
- Measure length (cm)
- Measure length (m)
- Compare lengths
- Order lengths
- Four operations with lengths

UNIT 3

MEASUREMENT: TIME

- Telling time to the hour
- Telling time to the half hour
- O'clock and half past
- Quarter past and quarter to
- Telling time to 5 minutes
- Writing time
- Hours and days
- Find durations of time
- Compare durations of time

UNIT 2

GEOMETRY: POSITION AND DIRECTION

- Describe position (1)
- Describe position (2)
- Describe movement
- Describe turns
- Describe movement and turns
- Making patterns with shapes

UNIT 4

MEASUREMENT: MASS, CAPACITY AND TEMPERATURE

- Introduce weight and mass
- Measure mass
- Compare mass
- Measure mass in grams
- Measure mass in kilograms
- Introduce capacity and volume
- Measure capacity
- Compare volume
- Millilitres
- Litres
- Temperature