

Year 1 Maths Overview

Term 1	Block 1 Place Value within 10 (5 Weeks)		NSM – Subitising to 20	Block 2 Addition and Subtraction within 10 (5 Weeks)		NSM – Make & Break (5, 4, 3, 2, 10)	Block 3 Fractions (2 weeks)		NSM - Make & Break (6 & 7)	Block 4 Length and Height (2 weeks)		NSM - Make & Break (8 & 9)			
	Wider Curriculum														
Term 2	Block 5 Place Value within 20 (3 Weeks)		NSM - 1 more 1less, 2 more 2 less	Block 6 Addition and Subtraction within 20 (3 Weeks)		NSM – Number 10 fact family 2D/3D shape	Block 7 Shape (2 Weeks)		NSM - 5 and a bit Time facts	Block 8 Time (2 weeks)		NSM - 0, doubles, near-doubles Weight	Block 9 Mass and Volume (2 weeks)		NSM - 0, doubles, near-doubles
	Wider Curriculum														
Term 3	Block 10 Place Value within 50 (4 weeks)		NSM – number neighbours, 7 tree, 9 square	Block 11 Multiplication and Division (4 weeks)		NSM – strategy selection	Block 12 Place Value within 100 (3 weeks)		NSM – strategy selection, 10 and a bit Money	Block 13 Money (2 Weeks)		NSM – 10 and a bit			
	Wider Curriculum														

NB. There will be an assessment week within Term 2 and 3 as well.

Declarative knowledge – highlight is new knowledge that year

Year 1: Block 1 (Place Value within 10)

Declarative Knowledge

Subitising 1-5
Subitising 6-10
Subitising teens

Place Value Objectives (Small Steps)

- 1) Count objects within 10
- 2) Represent objects
- 3) Recognise numbers as words
- 4) Count on from any number
- 5) 1 more
- 6) Count backwards within 10
- 7) 1 less
- 8) Fewer, More, Same
- 9) Less than, greater than, equal to
- 10) Compare numbers
- 11) Order objects and numbers
- 12) The number line.

Links to Wider Curriculum

Year 1: Block 2 (Addition and Subtraction)

Declarative Knowledge

Make and Break 5
Make and Break 4,3 and 2
Make and Break 10

Addition and Subtraction Objectives

- 1) Understanding parts and wholes
- 2) Part-Whole model
- 3) Fact Families – Addition facts
- 4) Number bonds within 10
- 5) Systematic number bonds within 10
- 6) Number bonds to 10
- 7) Addition – add together
- 8) Addition – add more
- 9) Addition problems
- 10) Find a part
- 11) Subtraction – find a part
- 12) Fact families – The eight facts
- 13) Subtraction – take away / cross out
- 14) Take away – How many left?
- 15) Subtraction on a number line
- Add or subtract 1 or 2

Links to Wider Curriculum

Year 1: Block 3 (Fractions)

Declarative Knowledge

Make and Break 6
Make and Break 7

Fractions Objectives

- 1) Find a half a shape
- 2) Find a quarter shape
- 3) Find a half of a number
- 4) Find a half of a shape

Links to Wider Curriculum

Year 1: Block 4 (Length and height)

Declarative Knowledge

Make and Break 8
Make and Break 9

Fractions Objectives

- 1) Compare lengths and heights
- 2) Measure length using objects
- 3) Measure length in Cm

Links to Wider Curriculum

Year 1: Block 5 (Place Value within 20)

Declarative Knowledge

- One more
- One less
- Two more
- Two less

Place Value within 20 objectives

- 1) Count forwards and backwards and write numbers to 20 in numerals and in words.
- 2) Numbers from 11 – 20
- 3) Count one more and one less
- 4) Compare groups of objects
- 5) Compare numbers
- 6) Order groups of objects
- 7) Order numbers

Links to Wider Curriculum

Year 1: Block 6 (Addition and Subtraction within 20)

Declarative Knowledge

Number 10 Fact Families

A 2d shape is flat and has 2 dimensions- height and width
A 3d shapes has 3 dimensions- height, width and depth
In a 2d shape a vertex/vertices is the point where two sides meet
In a 2d shape a side is a line that joins two vertices
In a 3d shape a vertex/vertices is the point where two or more edges meet
In a 3d shape an edge is a line that joins two or more faces
A face is a flat or curved surface of a 3d shape

Addition and Subtraction within 20 objectives

- 1) Add by counting on
- 2) Find and make number bonds
- 3) Add by making 10
- 4) Subtraction – not crossing 10
- 5) Subtraction – crossing 10
- 6) Related number facts
- 7) Compare number sentences
- 8) Introduce word problems or Addition and subtraction

Links to Wider Curriculum

Year 1: Block 7 (Shape)

Declarative Knowledge

Five and a bit

There are seven days in a week- Monday, Tuesday, Wednesday, Thursday, Friday

There are 12 months in a year: January, February, March, April, May, June, July, August, September, October, November, December

A clock tells the time

The big hand is the hour hand

The little hand is the minute hand

The hands move clockwise

A minute is composed of 60 seconds

An hour is composed of 60 minutes

Shape Objectives

- 1) Recognise and name 3D Shapes
- 2) Sort 3D Shapes
- 3) Recognise and name 2D Shapes
- 4) Sort 2D Shapes
- 5) Patterns with 2D and 3D Shapes

Links to Wider Curriculum

Year 1: Block 8 (Time)

Declarative Knowledge

Know about Zero
Doubles and Near Doubles

Mass is the amount of matter an object contains
The more mass an object has the heavier it is
The less mass an object has the lighter it is
Capacity is the maximum amount something can contain
Volume is the amount of space an object takes up

Time Objectives

- 1) Before and After
- 2) Days of the Week
- 3) Months of the Year
- 4) Hour, minutes and seconds
- 5) Time to the hour
- 6) Time to the half hour

Links to Wider Curriculum

Year 1: Block 9 (Mass and Volume)

Declarative Knowledge

Know about Zero
Doubles and Near Doubles

Mass and Volume Objectives

- 1) Heavier and lighter
- 2) Measure Mass
- 3) Compare Mass
- 4) Full and empty
- 5) Compare volume
- 6) Measure capacity

Links to Wider Curriculum

Year 1: Block 10 (Place Value within 50)

Declarative Knowledge

Number Neighbours
7 tree and 9 Square

Place Value within 50 Objectives

- 1) Numbers to 50
- 2) Tens and ones
- 3) Represent numbers to 50
- 4) One more, one less
- 5) Compare objects within 50
- 6) Compare numbers within 50
- 7) Order numbers within 50
- 8) Count in 2s
Count in 5s

Links to Wider Curriculum

Year 1: Block 11 (Multiplication and Division)

Declarative Knowledge

Strategy selection

Multiplication and Division Objectives

- 1) Count in 2s
- 2) Count in 5s
- 3) Count in 10s
- 4) Make equal groups
- 5) Add equal groups
- 6) Make arrays
- 7) Make doubles
- 8) Make equal groups – groupings
- 9) Make equal groups - sharing

Links to Wider Curriculum

Year 1: Block 12 (Place Value within 100)

Declarative Knowledge

Strategy section

Ten and bit

I know that different coins and notes represent different amounts of money (e.g. Coins - 1p, 2p, 5p, 10p, 20p, 50p, £1, £2. Notes - £5, £10, £20, £50)

Place Value within 100 objectives

- 1) Counting forwards and backwards within 100
- 2) Partitioning numbers
- 3) Comparing numbers
- 4) Ordering numbers
- 5) One more, one less

Links to Wider Curriculum

Year 1: Block 13 (Money)

Declarative Knowledge

Ten and bit
Gap teaching and consolidation

- Money objectives
- 1) Recognising coins
 - 2) Recognising Notes
 - 3) Counting in Money

Links to Wider Curriculum

Maths Objectives to be covered in the wider curriculum

The below objectives need to be taught or revisited at some point in the year through the Year 4 broader curriculum.

<div>Teach</div> <div>Position and Direction - turns</div>
<div>Revisit</div>