

Hogarth Academy Mathematics Curriculum Year 2 2022/2023

Week	Day	Learning Objective
	Monday	Summer Holiday
1 Autumn 1	Tuesday	KS1 SAT paper Arithmetic (2022)
Autumii 1	Wednesday	KS1 SAT paper Reasoning (2022)
	Thursday	Pre-assessment (Place Value)
	Friday	I am learning to recall facts about numbers to 20.
	Monday	I am learning the value of digits in a 2 digit number to 100 (inc. partitioning)
2	Tuesday	I am learning the value of digits in a 2 digit number to 100 (Place value chart)
Autumn 1	Wednesday	I am learning to flexibly partition numbers (making the same number in different ways).
	Thursday	I am learning to read and write numbers to 100 in words.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods).
	Monday	I am learning to order numbers to 100.
3	Tuesday	I am learning to estimate numbers on a number line.
Autumn 1	Wednesday	I am learning to compare numbers (as objects) to 100 $(<,>,=)$
	Thursday	I am learning to compare numbers to $100 (<, >, =)$
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods).
	Monday	I am learning to count forwards and backwards in steps of 2, 3, 5 and 10 (from 0)
4	Tuesday	I am learning to count forwards and backwards in steps of 2, 3, 5 and 10 (from 0)
Autumn 1	Wednesday	Post assessment (Place value)
	Thursday	Pre assessment (Addition and subtraction)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods).

Week	Day	Learning Objective
5	Monday	KS1 SAT paper Arithmetic (2022)
Autumn 1	Tuesday	KS1 SAT paper Reasoning (2022)
	Wednesday	I can recall number bonds to 10.
	Thursday	I am learning all the fact families to 20 (subtraction and addition)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods).
	Monday	I am learning to use number related facts to solve calculations.
6	Tuesday	I am learning to create number bonds up to 100 using multiples of 10.
Autumn 1	Wednesday	I am learning to add and subtract 1s up to any number to 100.
	Thursday	I am learning to add 3 1-digit numbers.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods).

Week	Day	Learning Objective
	Monday	Inset day
1	Tuesday	I am learning to compare number sentences (Without crossing 10 boundary)
Autumn 2	Wednesday	I am learning to find 10 more and 10 less than any number to 100.
	Thursday	I am learning to add and subtract 10s using the formal methods (No regrouping).
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods).
	Monday	I am learning to add a 2 digit and 1 digit number together (Regrouping)
2	Tuesday	I am learning to add two 2 digit numbers (With regrouping)
Autumn 2	Wednesday	I am learning to subtract a 1 digit number from a 2 digit number (No exchange)
	Thursday	I am learning to subtract a 1 digit number from a 2 digit number (No exchange)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods).
3	Monday	I am learning to subtract a 2 digit number from a 2 digit number (No exchange)
Autumn 2	Tuesday	I am learning to subtract a 2 digit number from a 2 digit number (With exchange)
	Wednesday	I am learning to solve missing number and word problems involving addition.
	Thursday	I am learning to compare number sentences (Crossing 10s boundary)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods).

,	Monday	I am learning to solve missing number and word problems involving subtraction.
4	Tuesday	I am learning to identify number bonds to 100 (tens and ones)
Autumn 2	Wednesday	I am learning to solve 2 step problems involving addition and subtraction.
	Thursday	Post-assessment (Addition and Subtraction)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods).
5	Monday	KS1 SAT paper Arithmetic (2022)
Autumn 2	Tuesday	KS1 SAT paper Reasoning (2022)
	Wednesday	Pre-assessment (Shape)
	Thursday	I am learning to identify 2D and 3D shapes.
	Friday	I am learning to identify the properties of 2D shapes (vertices, sides)
	Monday	I am learning how to draw lines of symmetry on 2D shapes (Including finishing shapes)
6	Tuesday	I am learning to sort 2D shapes.
Autumn 2	Wednesday	I am learning to identify the properties of 3D shapes.
	Thursday	I am learning to identify the faces on a 3D shape.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods).
	Monday	I am learning to sort 3D shapes.
7	Tuesday	I can make patterns with 2D and 3D shapes.
Autumn 2	Wednesday	Post assessment – (Shape)
	Thursday	Christmas holiday
	Friday	Christmas holiday

Week	Day	Learning Objective
	Monday	Christmas Holidays
1	Tuesday	Christmas Holidays
Spring 1	Wednesday	Christmas Holidays
	Thursday	Pre-assessment (Money)
	Friday	I am learning to identify the value of coins and notes.
	Monday	I am learning to count coins (pence)
2	Tuesday	I am learning to count coins (pounds)
Spring 1	Wednesday	I am learning to count coins and notes.
	Thursday	I am learning to count coins and notes (extend)
	Friday	I am learning to make amounts using coins and notes.
	Monday	I am learning to make the same amount of money in different ways.
3	Tuesday	I am learning to compare money.
Spring 1	Wednesday	I am learning to find change.
	Thursday	I am learning to find change.
	Friday	I am learning to solve 2 step problems involving money.
	Monday	Arithmetic (I am learning to develop my knowledge of mental methods)
4	Tuesday	I am learning to solve 2 step problems involving money
Spring 1	Wednesday	Post-assessment (money)
	Thursday	Pre-assessment (Multiplication and Division)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)

	Monday	KS1 SAT paper Arithmetic (2022)
5	Tuesday	KS1 SAT paper Reasoning (2022)
Spring 1	Wednesday	I am learning to recognise equal groups.
	Thursday	I am learning to add equal groups (recognition of repeated addition in multiplication)
	Friday	I am learning to use pictures to solve multiplication sentences.
	Monday	I can recall and use multiplication facts for multiples of 2.
6	Tuesday	I can recall and use multiplication facts for multiples of 2 (missing numbers)
Spring 1	Wednesday	I am learning to count in multiples of 5 (tracks and ordering).
	Thursday	I am learning to apply my knowledge of multiples of 5 (problems)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)

Week	Day	Learning Objective
	Monday	I am learning to count in multiples of 5 (tracks and ordering).
1	Tuesday	I am learning to apply my knowledge of multiples of 5 (problems)
Spring 2	Wednesday	I am learning to count in multiples of 10 (tracks and ordering).
	Thursday	I am learning to apply my knowledge of multiples of 10 (problems)
	Friday	I am learning to make equal groups by sharing.
	Monday	I am learning to divide by 2.
2	Tuesday	I am learning to identify odd and even numbers.
Spring 2	Wednesday	I am learning to divide by 5.
	Thursday	I am learning to divide by 10.
	Friday	I am learning to divide by 3.
	Monday	I am learning to solve problems involving division and multiplication
3	Tuesday	Post-assessment (Multiplication and Division)
Spring 2	Wednesday	Pre-assessment (Length and Height)
	Thursday	I am learning to use a ruler correctly to measure length (CM).
	Friday	I am learning to measure length using metres.
	Monday	I am learning to compare lengths.
4	Tuesday	I am learning to order lengths.
Spring 2	Wednesday	I am learning to measure, compare and order heights.
	Thursday	I am learning to solve problems involving height using the 4 operations.
	Friday	Post assessment (Length and Height)
5	Monday	KS1 SAT paper Arithmetic (2022)
Spring 2	Tuesday	KS1 SAT paper Reasoning (2022)
Spring 2	Wednesday	Pre-assessment (mass, capacity and temperature)
	Thursday	I am learning to measure mass using appropriate scales and units (g).
	Friday	I am learning to measure mass using appropriate scales and units (kg).
	Monday	I am learning to compare mass using the appropriate units.

6	Tuesday	I am learning to measure using appropriate scales and units (ml)
	Wednesday	I learning to compare volume using appropriate scales and units (l)
Spring 2	Thursday	I am learning to measure temperature using a thermometer and the appropriate units/scales.
	Friday	Post assessment (Mass, volume and temperature)

Week	Day	Learning Objective
	Monday	Pre-assessment (Statistics)
1	Tuesday	I am learning to create tally charts.
Summer 1	Wednesday	I am learning to interpret tally charts.
	Thursday	I am learning to create pictograms.
	Friday	I am learning to interpret pictograms.
	Monday	I am learning to create and interpret pictographs of different scales (2, 5 and 10s)
2	Tuesday	I am learning to create block diagrams.
Summer 1	Wednesday	I am learning to interpret block diagrams.
	Thursday	I am learning to solve problems involving a variety of statistical representations.
	Friday	Post assessment (Statistics)
	Monday	Bank Holiday Monday
3	Tuesday	Inset day
Summer 1	Wednesday	Pre-assessment (Fractions)
	Thursday	I am learning to make equal parts.
	Friday	I am learning to recognise a half of a shape.
	Monday	I am learning to find half a set of objects or quantity (including length).
	Tuesday	I am learning to recognise a quarter of a shape.
4	Wednesday	I am learning to find a quarter of a quantity (including length).
Summer 1	Thursday	I am learning to recognise a third of a shape/.
	Friday	I am learning to find a third of a quantity (including length).

	Monday	KS1 SAT paper Arithmetic (2022)
5	Tuesday	KS1 SAT paper Reasoning (2022)
Summer 1	Wednesday	I am learning to recognise a unit fraction and non-unit fractions.
	Thursday	I can count to 10 in fractions (halves)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
	Monday	I am learning to recognise the equivalence between ½ and ¼.
6	Tuesday	I am learning to find ¾ of a quantity/shape.
Summer 1	Wednesday	Post - assessment (Fractions)
	Thursday	Pre-assessment (Position and Direction)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)

Week	Day	Learning Objective
	Monday	Pre-assessment (Position and direction)
1	Tuesday	I am learning to describe movement (forwards, backwards, up down, left and right).
Summer 2	Wednesday	I am learning to describe turns (full, half, quarter, ¾ turn)
	Thursday	I am learning to describe movement and turns using the correct language
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
	Monday	I am learning to make patterns with shapes
2	Tuesday	I am learning to solve problems involving position and direction.
Summer 2	Wednesday	Post-assessment (Position and direction)
	Thursday	Pre-assessment (Time)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
	Monday	I am learning to identify o'clock and half past times on a clock.
3	Tuesday	I am learning to identify quarter past on a clock.
Summer 2	Wednesday	I am learning to identify quarter to on a clock.
	Thursday	I am learning to tell the time to 5 minutes
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods).
	Monday	I am learning to find durations of time.
4	Tuesday	I am learning to identify and compare durations of time.
Summer 2	Wednesday	I am learning to solve problems involving time.
	Thursday	I am learning to solve problems involving time.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
	Monday	KS1 SAT paper Arithmetic
5 Summer 2	Tuesday	KS1 SAT paper Reasoning
	Wednesday	Arithmetic (Consolidating knowledge)
	Thursday	Arithmetic (Consolidating knowledge)
	Friday	Arithmetic (Consolidating knowledge)

6	Monday	Arithmetic (Consolidating knowledge)
Summer 2	Tuesday	Arithmetic (Consolidating knowledge)
Summer 2	Wednesday	Arithmetic (Consolidating knowledge)
	Thursday	Arithmetic (Consolidating knowledge)
	Friday	Arithmetic (Consolidating knowledge)
7	Monday	Arithmetic (Consolidating knowledge)
	Tuesday	Arithmetic (Consolidating knowledge)
Summer 2	Wednesday	Arithmetic (Consolidating knowledge)
	Thursday	Arithmetic (Consolidating knowledge)
	Friday	Arithmetic (Consolidating knowledge)
8	Monday	Arithmetic (Consolidating knowledge)
	Tuesday	Arithmetic (Consolidating knowledge)
Summer 2	Wednesday	Arithmetic (Consolidating knowledge)
	Thursday	Arithmetic (Consolidating knowledge)