

# Hogarth Academy Mathematics Curriculum

## Year 1 2022/23

Week	Day	Learning Objective
<b>1</b> <b>Autumn 1</b>	Monday	Summer holiday
	Tuesday	Assessment
	Wednesday	Assessment
	Thursday	Pre-assessment (Place Value to 10)
	Friday	I am learning to write numerals to 10.
<b>2</b> <b>Autumn 1</b>	Monday	I am learning to count objects to 10.
	Tuesday	I am learning to count forwards to 10.
	Wednesday	I am learning to count backwards from 10
	Thursday	I am learning to count one more for numbers within 10.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
<b>3</b> <b>Autumn 1</b>	Monday	I am learning to count one less for numbers within 10.
	Tuesday	I am learning to compare up to 10 objects.
	Wednesday	I am learning to compare numbers up to 10 using $<$ , $>$ and $=$
	Thursday	I am learning to order numbers forwards to and backwards from 10 (including placing on a number line)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
<b>4</b> <b>Autumn 1</b>	Monday	I am learning to use ordinal numbers.
	Tuesday	I am learning to solve problems involving numbers to 10.
	Wednesday	Post-assessment (Place Value to 10)
	Thursday	Pre-assessment (Addition and Subtraction to 10)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)

5  Autumn 1	Monday	Assessments
	Tuesday	Assessments
	Wednesday	I am learning to develop my knowledge of addition (with resources such as part wholes, objects, number lines)
	Thursday	I am learning to develop my knowledge of addition (abstract – counting on and number sentences)
	Friday	I am learning to recall the number bonds for numbers within 10.
	Thursday	I am learning to recall number bonds to 10.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
6  Autumn 1	Monday	I am learning to recall fact families for numbers to 10 (including using relationships such as the commutative law).
	Tuesday	I am learning to add 2 single digit numbers together using support such as objects and 10 frames.
	Wednesday	I am learning to add 2 single digit numbers together by counting on.
	Thursday	I am learning to solve missing number problems involving addition to 10.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)

1  Autumn 2	Monday	Inset day
	Tuesday	I am learning to use crossing out when subtracting.
	Wednesday	I am learning to use counting back when subtracting.
	Thursday	I am learning to find the difference when subtracting..
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
2  Autumn 2	Monday	I am learning to solve missing number problems for addition and subtraction to 10.
	Tuesday	Post-assessment (Addition and Subtraction to 10)
	Wednesday	Pre-assessment (Shapes)
	Thursday	I am learning to recognise and name 2D shapes (rectangles, squares, triangles and circles)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
3  Autumn 2	Monday	I am learning to recognise and name 3D shapes
	Tuesday	I am learning to recognise and identify 2D and 3D shapes in different orientations/sizes)
	Wednesday	I am learning to solve problems about 2D and 3D shapes.
	Thursday	Post-assessment (Shapes)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
4  Autumn 2	Monday	Pre-assessment (Place Value to 20)
	Tuesday	I can write numbers to 20.
	Wednesday	I am learning to count forwards to 20 from any number.
	Thursday	I am learning to count backwards from 20 from any number.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
5  Autumn 2	Monday	Assessment
	Tuesday	Assessment
	Wednesday	I am learning to write numbers from 1-20 in words
	Thursday	I am learning to identify 1 more than any number to 20.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)

6  Autumn 2	Monday	I am learning to identify 1 less than any number to 20.
	Tuesday	I am learning to identify the value of each digit in number to 20.
	Wednesday	I am learning to compare numbers (including groups) to 20 using <, > and =
	Thursday	I am learning to order numbers to 20 (including on a number line)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
7  Autumn 2	Monday	Post-assessment (Place Value to 20)
	Tuesday	Arithmetic (I am learning to develop my knowledge of mental methods)
	Wednesday	Pre-assessment (Addition and Subtraction within 20)
	Thursday	Christmas break
	Friday	Christmas break

Week	Day	Learning Objective
1 Spring 1	Monday	Christmas Holidays
	Tuesday	Christmas Holidays
	Wednesday	Christmas Holidays
	Thursday	I am learning to add numbers within 20 using counting on.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
2 Spring 1	Monday	I am learning to find and make number bonds to 20.
	Tuesday	I am learning to solve missing number problems involving addition to 20
	Wednesday	I am learning to compare addition statements ( $a + b > c$ )
	Thursday	I am learning to compare addition statements ( $a + b > c + d$ )
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
3 Spring 1	Monday	I am learning to subtract within 20 by counting back (not crossing 10)
	Tuesday	I am learning to subtract within 20 by counting back (crossing 10)
	Wednesday	I am learning to solve missing number problems involving subtraction up to 20.
	Thursday	I am learning to solve word problems involving subtraction up to 20.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
4 Spring 1	Monday	I am learning to compare subtraction statements ( $a > c + d$ )
	Tuesday	Post assessment (Addition and Subtraction to 20)
	Wednesday	Pre-assessment (Place value to 50)
	Thursday	I am learning to count forwards to 50.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
5 Spring 1	Monday	<b>Assessment</b>
	Tuesday	<b>Assessment</b>
	Wednesday	I am learning to count backwards from 50.
	Thursday	I am learning to identify the values of each digit in numbers to 50 (include partitioning).
	Friday	I am learning to identify 1 more than any number to 50

6  Spring 1	Monday	I am learning to identify 1 less than any number to 50.
	Tuesday	I am learning to compare objects and numbers within 50.
	Wednesday	I am learning to order numbers to 50 (also placing on a number line)
	Thursday	I am learning to count multiples of 2 (sentences and sequences)
	Friday	I am learning to count in multiples of 5 (sentences and sequences)

Week	Day	Learning Objective
1  Spring 2	Monday	Post assessment (Place value to 50)
	Tuesday	Pre-assessment (Length and Height)
	Wednesday	I am learning to describe height using the correct language.
	Thursday	I am learning to compare height using the correct language.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
2  Spring 2	Monday	I am learning to describe length using the correct language.
	Tuesday	I am learning to compare length using the correct language.
	Wednesday	I am learning to measure and record length/height (standard units)
	Thursday	I am learning to solve problems involving length and height.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
3  Spring 2	Monday	Post assessment (length and height)
	Tuesday	Pre-assessment (Weight and Volume)
	Wednesday	I am learning to describe mass using the correct language.
	Thursday	I am learning to compare mass using the correct language.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
4  Spring 2	Monday	I am learning to measure/record mass using the correct units.
	Tuesday	I am learning to solve problems involving mass.
	Wednesday	I am learning to describe volume using correct language.
	Thursday	I am learning to compare volume using correct language.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
5  Spring 2	Monday	<b>Assessment</b>
	Tuesday	<b>Assessment</b>
	Wednesday	I am learning to measure/record volume using the correct units.
	Thursday	I am learning to solve problems involving weight and volume
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
6  Spring 2	Monday	Post-assessment (Weight and Volume)
	Tuesday	Pre-assessment: (Number Multiplication and Division)
	Wednesday	I am learning to count in multiples of 2 from any number.
	Thursday	I am learning to count in multiples of 5 from any number

	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
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Week	Day	Learning Objective
1  Summer 1	Monday	I am learning to count in multiples of 10s from any number.
	Tuesday	I am learning to make and add equal groups (create an array + repeated addition)
	Wednesday	I am learning to make doubles (up to 20).
	Thursday	I am learning to share equally (with and without objects)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
2  Summer 1	Monday	I am learning to divide by 2, 5 and 10.
	Tuesday	I am learning to divide by 2, 5 and 10.
	Wednesday	I am learning to solve 1-step multiplication problems.
	Thursday	I am learning to solve 1-step division problems.
	Friday	I am learning to solve missing number problems involving multiplication and subtraction.
3  Summer 1	Monday	Bank Holiday
	Tuesday	Bank Holiday
	Wednesday	Post-assessment (Number: Multiplication and Division)
	Thursday	Pre-assessment (Fractions)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
4  Summer 1	Monday	I am learning to find/recognise half of an object or shape.
	Tuesday	I am learning to find half of a quantity
	Wednesday	I am learning to find/recognise a quarter of an object or shape.
	Thursday	I am learning to find a quarter of a quantity.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
5  Summer 1	Monday	Assessment
	Tuesday	Assessment
	Wednesday	Post-assessment (Fractions)
	Thursday	Pre-assessment (Position and Direction)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)

6  Summer 1	Monday	I am learning to describe turns using language such as full, quarter, half etc.
	Tuesday	I am learning to describe position using left, right, top, bottom, above and below.
	Wednesday	I am learning to describe direction using left, right, forwards and backwards.
	Thursday	I am learning to solve problems involving position and direction.
	Friday	Post-assessment (Position and Direction)

Week	Day	Learning Objective
1  Summer 2	Monday	Pre-assessment (Numbers to 100)
	Tuesday	I am learning to count forwards to 100 from any given number.
	Wednesday	I am learning to count backwards from 100 from any given number.
	Thursday	I am learning to identify the value of each digit in numbers to 100 (include partitioning)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
2  Summer 2	Monday	I am learning to compare numbers to 100 (<, > and =)
	Tuesday	I am learning to identify 1 more than numbers to 100.
	Wednesday	I am learning to identify 1 less than numbers to 100.
	Thursday	I am learning to order numbers to 100 (also placing on a number line).
	Friday	Post-assessment (Numbers to 100)
3  Summer 2	Monday	Pre-assessment (Money)
	Tuesday	I am learning to recognise coins up to £2.00
	Wednesday	I am learning to recognise notes up to £50.00
	Thursday	I am learning to count in coins (physical)
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
4  Summer 2	Monday	I am learning to count in coins (pictorial)
	Tuesday	I am learning to count in coins (addition sentences)
	Wednesday	I am learning to solve problems involving money.
	Thursday	Post-assessment (Money)
	Friday	Pre-assessment (Time)
5  Summer 2	Monday	Assessment
	Tuesday	Assessment
	Wednesday	I am learning to describe time using correct language (months, years, minutes, hours)
	Thursday	I am learning to compare time using the correct language (quicker, slower etc)
	Friday	I am learning the days of week (and can spell/order them).

6  Summer 2	Monday	I am learning the months of the year (and can spell/order them).
	Tuesday	I am learning to sequence events in chronological order.
	Wednesday	I am learning to tell the time to the hour and show this on a clock face.
	Thursday	I am learning to tell the time to half an hour and show this on a clock face.
	Friday	Arithmetic (I am learning to develop my knowledge of mental methods)
7  Summer 2	Monday	I am learning to compare time.
	Tuesday	I am learning to solve problems relating to time.
	Wednesday	Post-assessment (time)
	Thursday	Consolidation/recap based on teacher assessment
	Friday	Consolidation/recap based on teacher assessment
8  Summer 2	Monday	Consolidation/recap based on teacher assessment
	Tuesday	Consolidation/recap based on teacher assessment
	Wednesday	Consolidation/recap based on teacher assessment
	Thursday	Consolidation/recap based on teacher assessment
	Friday	Summer holidays