Highgate Primary
Year 1 Maths Curriculum

Number
Measurement
Geometry

WALT: We Are Learning To
WAP: We Are Practising

Autumn 2: Celebrations

Week	Unit	National Curriculum objectives Possible lesson objectives	White Rose Maths (WRM) 'small steps'	Models and images representing number Key vocabulary	Reasoning (in addition to WRM questions)	Fluency
1	**Number** **Calculation: Addition and subtraction within 10 (2)**					
	• *subtract one-digit numbers to [10], including zero* • *solve one-step problems that involve subtraction* WALT subtract by counting back on a numberline WALT find the difference by comparing groups of objects WALT find the difference by counting up an a numberline WALT compare an addition or subtraction statement to a number WALT compare addition and subtraction statements		• Subtraction – counting back • Finding the difference • Comparing addition and subtraction statements	Printed numberline, cubes	**Working backwards** (see Autumn 1 Week 7) **Missing symbols** Write the missing symbols (+ - =) in these equations: 17 __ 3 ___ 20 18 __ 20 __ 2 **NRICH Number Lines** **NRICH Find the Difference** **NRICH 2, 4, 6, 8**	Counting within 10 Number facts: one more, one less within 10
2	**Geometry** **Properties of shape**					
	• recognise and name common 3-D shapes, including cuboids (including cubes), pyramids and spheres WALT find and name 3-d shapes WALT construct 3-d shapes WALT make 2-d drawings of 3-d shapes WALT sort 3-d shapes		• Recognise and name 3-d shapes • Sort 3-d shapes	-	**Visualising** Put some shapes in a bag. Find me a shape that has more than three edges. **What's the same, what's different…** …between these 2 shapes? **Working backwards** How have I sorted these shapes into 2 groups?	Number facts: bonds up to 5
3	• recognise and name common 2-D shapes. including rectangles (including squares), circles and triangles		• Recognise and name 2-d shapes • Sort 2-d shapes	-	**What's the same, what's different?** Find a rectangle and a triangle. Tell me one thing that's the same about them. Tell me one thing that is different about them.	Number facts: bonds to 6 and 7

	WALT find and name 2-d shapes WALT draw 2-d shapes in different ways WALT sort 2-d shapes according to their properties WALT reason about 2-d shapes			**NRICH Jig Shapes** **NRICH Always, Sometimes or Never? KS1** (or following week)	
4	• recognise and create repeating patterns with objects and with shapes [non-statutory] WALT make connections between 2-d and 3-d shapes WALT create and recognise patterns with 2-d shapes WALT create and recognise patterns with 3- shapes WALT solve problems involving 2-d and 3-d shapes	• Patterns with 3-d and 2-d shapes	-	**Spot the mistake** Which shape(s) in this sequence is in the wrong place? **NRICH Repeating Patterns** **NRICH Overlaps**	Number facts: bonds to 8 and 9
5	**Number** **Numbers to 20**				
	• count to and across [10/20], forwards and backwards, beginning with 0 or 1, or from any given number • count, read and write numbers to [20] in numerals • given a number, identify one more and one less • identify and represent numbers using objects and pictorial representations • read and write numbers from 1 to 20 in numerals and words WALT count numbers greater than 10 WALT write numbers greater than 10 WALT make numbers greater than 10 WALT use tens and ones to make numbers greater than ten WALT find and make one more and one less	• Count forwards and backwards and write numbers to 20 in numerals and words • Numbers from 11 to 20 • Tens and ones • Count one more and one less	Numicon, 10-frame, number track, part-whole model **Introduce** Base-10 equipment	**Do, then explain** Use equipment to make a number less than 10. Add 10 to it. What number do you have now? Explain how it is connected to the number you started with. **NRICH Writing Digits** **NRICH Eightness of Eight**	Number facts: bonds and subtraction facts to 10
6	• use the language of: equal to, more than, less than (fewer), most, least Also: reinforce NC objectives from previous week WALT compare the size of groups of objects WALT compare the size of numbers WALT arrange groups of objects in size order	• Compare groups of objects • Compare numbers • Order groups of objects • Order numbers	Counters, cubes, Numicon, ten-frame, number track, base-10 equipment	**Spot the Mistake** Which number(s) is/are in the wrong place? 6 8 10 12 16 14 18 20 **Find all the possibilities** I have 2 numbers. Both my numbers are more than 10 and less than 20. One of my numbers is 3 fewer than my other	Number facts: subtraction facts below 10

	WALT arrange numbers in size order			number. What could my numbers be? **NRICH Sweetie Box**	
7	**Warm-Down Week** **Consolidation of previous learning**				Number facts: subtraction facts below 10