Highgate Primary
Year 1 Maths Curriculum

Number
Measurement
Geometry

WALT: We Are Learning To
WAP: We Are Practising

Summer 1: Amazing Architects

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	**Warm-Up Week** **Consolidation of previous learning**					Number facts: bonds up to 9 and subtraction facts
2	**Number** **Calculation: Multiplication and division**					
	• count in multiples of twos, fives and tens • solve one-step problems involving multiplication, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher WAP counting in 2s WAP counting in 5s WALT count in 10s WALT use a 100-square to count in tens WALT put objects into equal groups		• Count in 2s • Count in 5s • Count in 10s • Making equal groups	100 square, number track, Numicon, empty numberline, ten-frame, counters, bead string	**Making links** If one teddy has two apples, how many apples will three teddies have? **Practical** (or following week) If we put two pencils in each pencil pot how many pencils will we need? **Spot the mistake** Use a puppet to count but make some deliberate mistakes, e.g. 5 10 20 15 30 **Making links** Tell me some numbers that you say when you count in 2s and in 10s? 2s and 5s? 2s 5s and 10s? What do you notice?	Number facts: bonds to 10 and subtraction facts
3	• solve one-step problems involving multiplication, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher WALT use equal groups to help us count WALT show equal groups in an array WALT use an array to multiply WALT make doubles		• Add equal groups • Make arrays • Make doubles	Number track, counters, cubes, numberline, array, Numicon, ten-frame	**Always, sometime, never** An array can be triangular An array has more rows than columns An array has lots of dots **Convince me…** … that 2 rows of 5 is the same value as 5 rows of 2 **Odd one out** 3 and 6 5 and 10 6 and 13 8 and 16 **NRICH Doubling Fives**	Number facts: addition and subtraction over 10
4	• solve one-step problems involving division, by calculating the answer using concrete objects and		• Make equal groups – grouping • Sharing equally	Cubes, objects	**Making links** Here are 10 Lego people. If 2 people fit into the train carriage, how many	Number facts: bonds to 20

	pictorial representations WALT divide objects into equal groups WALT explore division into equal groups WALT share objects equally WALT explore dividing by equal sharing			carriages do we need? **Possibilities** Find all the ways of sharing 8 toys equally. Then 9 toys, 10 toys, 11 toys and 12 toys. Which has the most different ways of being shared equally? **NRICH Share Bears** **NRICH Lots of Biscuits**	
5	**Number** **Fractions**				
	• recognise, find and name a half as one of two equal parts of an object, shape or quantity WALT split objects in half WALT find half of a shape WALT find half by sharing equally WALT find half of an amount WALT link halving and doubling *(not WRM)*	• Find a half (1) • Find a half (2)	Array, cubes	**What do you notice?** Choose a number of counters. Place them onto 2 plates so that there is the same number on each half. When can you do this and when can't you? What do you notice? **NRICH Fair Feast** **NRICH Halving** **NRICH Happy Halving** (hard!)	Number facts: subtraction facts from 20
6	• recognise, find and name a quarter as one of four equal parts of an object, shape or quantity WALT find a quarter of a shape WALT find a quarter by sharing equally WALT find a quarter of an amount WALT find halves and quarters WALT find a whole	• Find a quarter (1) • Find a quarter (2)	Array, cubes	**What do you notice?** As in previous week, but with 4 plates for quarters not halves. What do you notice? **True or false?** Sharing 8 apples between 4 children means each child has 1 apple. (Explain your answer.) **Odd one out** One quarter of 12, one half of 10, one half of 6. Make up your own one like this.	Number facts: addition and subtraction round-up