

Hayton C of E Primary School

Mathematics

Annual Long Term Plans

(using White Rose Scheme of Work)

EYFS – 'Little Acorns' Mathematics Annual Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
MURSERY Maths	recite numbers past 5. Talk about and identifies the patterns around them. For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like 'pointy', 'spotty', 'blobs' etc. Extend and create ABAB patterns – stick, leaf, stick, leaf. Notice and correct an error in a repeating pattern.	Show 'finger numbers' up to 5. compare quantities using language: 'more than', 'fewer than' Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'.	Say one number for each item in order: 1,2,3,4,5. Understand position through words alone – for example, "The bag is under the table," – with no pointing. Make comparisons between objects relating to size, length, weight and capacity.	Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle'). Develop fast recognition of up to 3 objects, without having to count them individually ('subitising').	solve real world mathematical problems with numbers up to 5. begin to describe a sequence of events, real or fictional, using words such as 'first', 'then	Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5. experiment with their own symbols and marks as well as numerals Describe a familiar route. Discuss routes and locations, using words like 'in front of' and 'behind'.

EYFS – 'Little Acorns' Mathematics Annual Overview <u>Reception</u>

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NCETM	Identify when a set can be subitised and when counting is needed • subitise different arrangements, both unstructured and structured, including using the Hungarian number frame	 continue to develop their subitising skills for numbers within and beyond 5, and increasingly connect quantities to numerals begin to identify missing parts for numbers within 5 	 continue to develop their counting skills, counting larger sets as well as counting actions and sounds explore a range of representations of numbers, including the 10-frame, and see how doubles can be 	Autumn term	Veek 1 Week 2 Getting to know you	Week 3 Match and comp FREE Th	Week 4 n, sort are RIAL VIEW	Week 5 Talk al measu and patter	Week 6 bout ire ns view	week 7 It's me 1, 2, 3	Week 8	6 Amery Circles and triangles	Week 10	Week 11 4, 5 VIEW	Shapes with 4 sides
	 make different arrangements of numbers within 5 and talk about what they can see, to develop their conceptual subitising skills spot smaller numbers 'hiding' inside larger 	 explore the structure of the numbers 6 and 7 as '5 and a bit' and connect this to finger patterns and the Hungarian number frame focus on equal and unequal groups when 	arranged in a 10- frame • compare quantities and numbers, including sets of objects which have different attributes • continue to develop	Spring term	Alive in 5 VIEW	A Mass and capacity	Growi 6, 7, 8	view	Lengti height time	h, rand view	Buildi	ng 9 and	10 VIEW	Explo 3-D s	re hapes view
	numbers	comparing numbers	a sense of magnitude, e.g. knowing that 8 is quite a lot more than 2, but 4 is only a little bit more than 2	Summer term	To 20 and beyond	How many now?	Manip comp and decon	oulate, ose npose view	Sharin group	ng and ing VIEW	Visual and m	lise, build nap	VIEW	AI Make connections	Consolidation

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12		
Autumn	Number Place	value (within	10)		Number Addit (withi	ion and in 10)	l subtro	ıction		Geometry Shape	Consolidation		
Spring	Number Place (withi	value in 20)		Number Addit subtro (withi	ion and action in 20)	I	Number Place (withi	value in 50)	Measure Lengt and heigh	ement :h it	Measure Mass and volun	ne		
Summer	Number Multi and d	plicatic ivision	on	Number Fracti	ons	Geometry Position and direction	Number Place (withi	value in 100)	Measurement Money	Measure Time	ment	Consolidation		
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Number Place value Number Addition and subtraction Geometry Shape Image: Statistic state Measurement Multiplication and division Measurement Length and height Measurement Mass, capacity and temperature Image: Statistic state Number Measurement Time Statistics Geometry Measurement Mass, capacity and temperature	_	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Begin Measurement Money Number Multiplication and division Measurement Length and heigbt Measurement Mass, capacity and temperature Image: Number Practions Measurement Time Statistics Geometry Position and direction Consolidation	Autumn	Numbe Plac	e value)		Numbe Addi	er ition ar	ıd subti	raction		Geome Shap	etry De	
Number FractionsMeasurement TimeStatisticsGeometry Position and directionConsolidation	Spring	Measu Mon	rement I CY	Numbe Mult	er iplicati	ion and	divisio	n	Measu Leng and heig	rement Jth ht	Measu Mas capo tem	rement S, Icity ar peratui	nd re
	Summer	Numbe Frac	er tions		Measu Time	erement		Stat	istics	Geom Posi and dire	etry ition ection	Conso	lidation

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Autumn	Number Place	value		Number Addit	tion and	d subtr	action		Number Mult and o	iplicatio division	on A		
Spring	^{Number} Multi and d	plicatio livision	on B	Measurd Leng perin	^{ement} th and neter		Number Fract	ions A		Measurd Mass and c	ement apacit	y	
Summer	Number Fracti	ions B	Measure Mone	ement 9 y	Measure Time	ement		Geomet Shap	ry e	Statis	stics	Consolidation	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12		
Autumn	Number Place	value			Number Addit subtr	ion and action	d	Measurement Area	Number Mult and a	iplicatio division	on A	Consolidation		
Spring	Number Multi and c	plicatio	on B	Measurd Lengt and perin	ement th neter	Number Fract	ions			Number Decir	nals A			
Summer	Number Decin	nals B	Measure Mone	ement SY	Measure Time	ement	Consolidation	Geomet Shap	ry e	Statistics	Geomet Posit and direc	rry ion tion		
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Autumn	Week 1 Week 2 Week 3 Number Place value	Week 4 Week 5 Number Addition and subtraction	Week 6 Week 7 Week 8 Number Multiplication and division A	Week 9 Week 10 Number Fractions A	Week 11 Week 12	
Spring	Number Multiplication and division B	Number Fractions B	^{Number} Decimals and percentages	Measurement Perimeter and area	Statistics	
Summer	Geometry Shape	Geometry Position and direction	Number Decimals	Number Number Negative Negative Numbers Units	ment erting Measure Me	
					© White Rose Mat	White Rose Maths

BUD Ratio Algera Number Decimals Number Fractions, decimals and percentages Measurement Area, perimeter and volume Statistics Mage Geometry Shape Themed projects, consolidation and problem solving	Autumn	Week 1 Week 2 Number Place value	Week 3 Number Addit multi	Week 4 tion, sul	Week 5 otractio	Week 6 on, division	Week 7	Week 8 Number Fract	Week 9	Week 10 Number Fract	Week 11	Meek 15 Converting units
Geometry Shape Brandbar Brandbar Brandbar Bran	Spring	Ratio	Alget	ora	Number Decim	nals	Number Fracti decim and perce	ons, als ntages	Measure Area, perim and volum	ement Neter Ne	Statis	itics
	Summer	Geometry Shape		Geometry Position and direction	Them	ed proj	ects, co	onsolid	ation a	nd prot	olem so	lving