

Nursery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
	Nursery	Nursery	Match	Number 1	Number 2	Number 3	Colours	Colours	Sort	Sort	Pattern
Autumn Term	Rhymes (0-5) 5 little specked frogs 5 little men in a flying saucer 5 little ducks went swimming one day. 5 little monkeys jumping on the bed	Rhymes (0-10) 5 little specked frogs 5 little men in a flying saucer 5 little ducks went swimming one day. There were 10 in the bed. 10 green	Buttons and colours Matching towers Matching shapes Matching objects Matching opposites	SubitisingCountingNumeral	 Subitising Counting Numeral 	Subitising dice pattern Subitising random pattern Subitising different sizes	Red Blue Yellow	Green Purple Mix of colours	• Colour • Size • Shape	What do you notice? Guess the rule	Extend AB colour patterns. Extend AB colour patterns outdoor. AB movement Patterns
Spring Term	Number 3	bottles Number 3 Subitising dice pattern Subitising random pattern Subitising different sizes	Number 4 Subitising Counting Numeral	Number 4 Subitising dice pattern Subitising random pattern Subitising different sizes	Number 5	Consolidate 1-5 Number songs Dice games Whiteboard games	Number 6	Number 6 Subitising dice pattern Subitising random pattern Subitising different sizes	Sort Tall and short Mass Capacity	Revisit Pattern Extend AB colour patterns. Extend AB colour patterns outdoor. AB movement Patterns	Consolidation Week
Summer Term	Sequencing Story Sequencing First, then, next Numbers Amounts Numerals	Prepositional Language on top under next to in or out in front or behind	More than/fewer than more than fewer than comparison between both	2D Shapes circles triangles rectangles	3D Shapes	Numerals 1-5	Numerals 1-5	Revisit Pattern Extend AB colour patterns. Extend AB colour patterns outdoor. AB movement Patterns	Nursery Rhymes 0-10 with sequencing	Consolidation V (preparation for	

Hotham Primary School Mathematics Overview



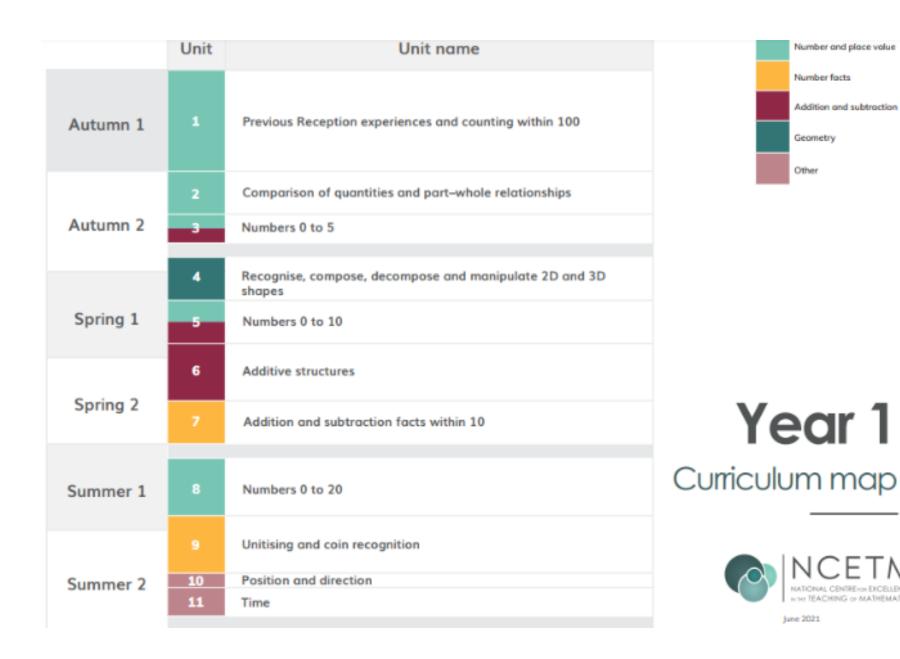
Reception

Strand/ Half-term	Subitising	Cardinality, ordinality and counting	Composition	Comparison
1 Children will:	 perceptually subitise within 3 identify sub-groups in larger arrangements create their own patterns for numbers within 4 practise using their fingers to represent quantities which they can subitise experience subitising in a range of contexts, including temporal patterns made by sounds. 	 relate the counting sequence to cardinality, seeing that the last number spoken gives the number in the entire set have a wide range of opportunities to develop their knowledge of the counting sequence, including through rhyme and song have a wide range of opportunities to develop 1:1 correspondence, including by coordinating movement and counting have opportunities to develop an understanding that anything can be counted, including actions and sounds explore a range of strategies which support accurate counting. 	 see that all numbers can be made of 1s compose their own collections within 4. 	 understand that sets can be compared according to a range of attributes, including by their numerosity use the language of comparison, including 'more than' and 'fewer than' compare sets 'just by looking'.
2 Children will:	 continue from first half-term subitise within 5, perceptually and conceptually, depending on the arrangements. 	 continue to develop their counting skills explore the cardinality of 5, linking this to dice patterns and 5 fingers on 1 hand begin to count beyond 5 begin to recognise numerals, relating these to quantities they can subitise and count. 	 explore the concept of 'wholes' and 'parts' by looking at a range of objects that are composed of parts, some of which can be taken apart and some of which cannot explore the composition of numbers within 5. 	 compare sets using a variety of strategies, including 'just by looking', by subitising and by matching compare sets by matching, seeing that when every object in a set can be matched to one in the other set, they contain the same number and are equal amounts.

3 Children will:	 increase confidence in subitising by continuing to explore patterns within 5, including structured and random arrangements explore a range of patterns made by some numbers greater than 5, including structured patterns in which 5 is a clear part experience patterns which show a small group and '1 more' continue to match arrangements to finger patterns. 	 continue to develop verbal counting to 20 and beyond continue to develop object counting skills, using a range of strategies to develop accuracy continue to link counting to cardinality, including using their fingers to represent quantities between 5 and 10 order numbers, linking cardinal and ordinal representations of number. 	 continue to explore the composition of 5 and practise recalling 'missing' or 'hidden' parts for 5 explore the composition of 6, linking this to familiar patterns, including symmetrical patterns begin to see that numbers within 10 can be composed of '5 and a bit'. 	 continue to compare sets using the language of comparison, and play games which involve comparing sets continue to compare sets by matching, identifying when sets are equal explore ways of making unequal sets equal. 		
4 Children will:	 explore symmetrical patterns, in which each side is a familiar pattern, linking this to 'doubles'. 	 continue to consolidate their understanding of cardinality, working with larger numbers within 10 become more familiar with the counting pattern beyond 20. 	 explore the composition of odd and even numbers, looking at the 'shape' of these numbers begin to link even numbers to doubles begin to explore the composition of numbers within 10. 	compare numbers, reasoning about which is more, using both an understanding of the 'howmanyness' of a number, and its position in the number system.		
5 Children will:	 continue to rehearse increasingly familiar subitising arrangements, including those which expose '1 more' or 'doubles' patterns use subitising skills to enable them to identify when patterns show the same number but in a different arrangement, or when patterns are similar but have a different number subitise structured and unstructured patterns, including those which show numbers within 10, in relation to 5 and 10 be encouraged to identify when it is appropriate to count and when groups can be subitised. 	 continue to develop verbal counting to 20 and beyond, including counting from different starting numbers continue to develop confidence and accuracy in both verbal and object counting. 	explore the composition of 10.	order sets of objects, linking this to their understanding of the ordinal number system.		
6	In this half-term, the children will consolidate their understanding of concepts previously taught through working in a variety of contexts and with different numbers.					



Year 1





Year 2

	Unit	Unit name
Autumn 1	1	Numbers 10 to 100
	2	Calculations within 20
	3	Fluently add and subtract within 10
	4	Addition and subtraction of two-digit numbers (1)
Autumn 2	5	Introduction to multiplication
Spring 1	6	Introduction to division structures
	7	Shape
Spring 2	8	Addition and subtraction of two-digit numbers (2)
	9	Money
	10	Fractions
Summer 1	11	Time
	12	Position and direction
	13	Multiplication and division – doubling, halving, quotitive and partitive division
Summer 2	14	Sense of measure – capacity, volume, mass



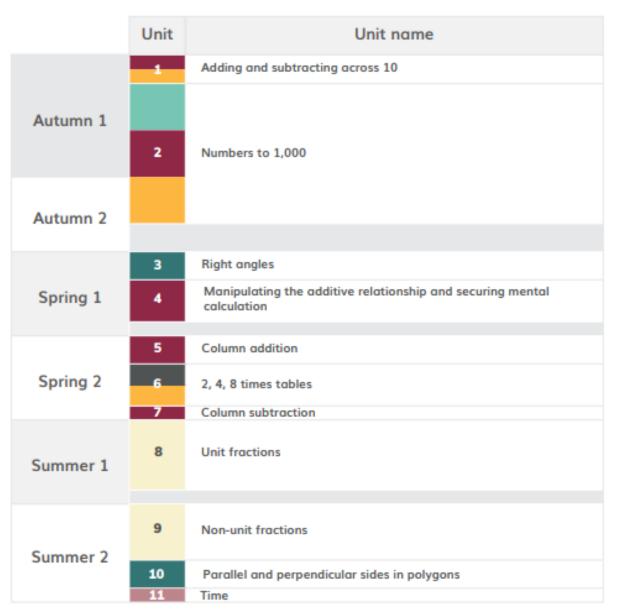
Year 2 Curriculum map

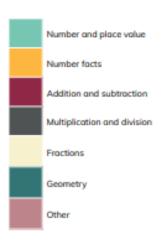


June 2021



Year 3



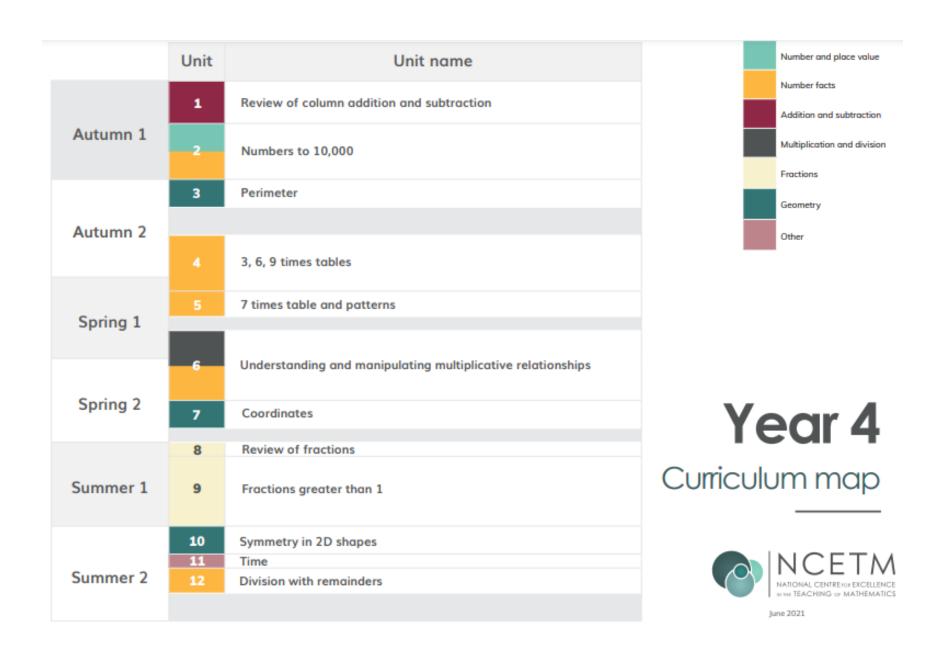


Year 3 Curriculum map





Year 4





Year 5

	Unit	Unit name
Autumn 1	1	Decimal fractions
	2	Money
	3	Negative numbers
Autumn 2	1	Short multiplication and short division
Spring 1	5	Area and scaling
	6	Calculating with decimal fractions
Spring 2	7	Factors, multiples and primes
Summer 1	8	Fractions
Summer 2	9	Converting units
	10	Angles



Year 5 Curriculum map





Year 6

Unit	Unit name
1	Calculating using knowledge of structures (1)
2	Multiples of 1,000
3	Numbers up to 10,000,000
4	Draw, compose and decompose shapes
5	Multiplication and division
6	Area, perimeter, position and direction
7	Fractions and percentages
8	Statistics
	KS2 tests
9 10 11 12	Ratio and proportion Calculating using knowledge of structures (2) Solving problems with two unknowns Order of operations Mean average
	1 2 3 4 5 6 7 8 8 9 10 11 1



Year 6 Curriculum map



June 2021