EYFS maths progression

week	topics	White rose	Consolidating skills/mental maths	Number Blocks	Nrich ideas	drip
Autumn 1 week 1	Introduce numicon to 5 All about numbers to 5		Number of week 1	Series 1 episode 1 counting to 1		
Week 2	Introduce numicon to 10 Order match and sort		Recognise numicon to 5 Number of week 2	Series 1 episodes 2 and 3 2 is more than 1 Counting to 2, the 'twoness' of 2		
Week 3	Match and sort	Phase 1 - Just Like Me Matching and sorting Find objects that match – including numicon and number of objects Sort – which ones belong/don't belong – guess criteria/rule	Recognise numicon to 10 Number of week 3	Series 1 episodes 4 and 5 3 is more than 2 Counting to 3; comparing numbers 1, 2 and 3 – 'bigger' and 'smaller'; ordering numbers 1 to 3; 3 is made of 2 and 1	(measures) Calendar muddle (shape) collecting	Language of time – routine of day
Week 4	Compare amounts	Phase 1 - Just like me Compare amounts Use 5 frames to line up objects to compare A Squash and a Squeeze	Recognising numicon to 10 Subitise 4 Number of week 4	Series 1 episodes 6 4 is more than 3; counting to 4; the structure of 4 as a square number; recognition of 4 items without counting (subitising)	baskets	language of time – routine of day
Week 5	Compare size	Phase 1 - Just Like Me compare size, mass and capacity Make simple patterns	5 frames counting Number of week 5	Series 1 episodes 7, 9 5 is more than 4; counting to 5; line up 1 to 5 in order Counting to 5; line up 1 to 5 in order; identify missing numbers within a 1 to 5 line-up	Hidden jewels - subitising	2D shape
Week 6	1,2,3	Phase 2 - It's Me 1,2,3	Subitise	Series 2 episode 1	Dice - subitise	2D shape

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		representing 1,2,3	Number of week 6	Counting (1 to 6); subitising (dice patterns)		
Autumn 2 week 1	compare 1,2,3 circles and triangles	Phase 2 - It's Me 1,2,3 comparing 1,2,3 Comparing circles and triangle – number of sides	Saying numbers in order to 10 Number of week 7	Series 2 episode 2 7 is more than 6; counting (1 to 7)		2D shape
Week 2	Composition to 3	Phase 2 - Its Me 1,2,3 composition 1,2,3 Use 5 frames	Counting forwards and backwards to 10 1 more than… Number of week 8	Series 2 episode 3 Counting (1 to 8); 8 is one more than 7; subitising (8)		Positional language
Week 3	Number 4	Phase 3 - Light and Dark number 4 Counting, order, comparison, composition Use 5 frames Shapes with 4 sides	Composition of 3 Squares – numbers 4 and 9 Number of week 9	Series 2 episode 4 Counting (1 to 9); the structure of square numbers (4 and 9); partitioning and combining 9		Positional language
Week 4	Number 5	Phase 3 - Light and Dark number 5 Counting, order, comparison, composition, Counting songs backwards from 5, Use 5 frames	Subitise to 4 and 5 Accurate counting Number of week 10	Series 2 episode 5 Counting (1 to 10); 10 ones are equivalent to one 10 stampolines	Growing beans – can go beyond 5 for ext Number talks	Comparative language length height
Week 5	One more one less	Phase 3 - Light and Dark one more/one less Counting, order, comparison Use 5 frames Enormous turnip Steps using cubes	Subitise Conservation of number	Series 1 episodes 11, 12 Subitising numbers 1 to 5; different ways of arranging blocks to 5; conservation of number Composition of numbers 1 to 5: introduction to 'part-part-whole' Structure; partitioning a whole number into parts; conservation of number	Show me (measures) How long are you?	Comparative language length height
Week 6	Repeating patterns	Phase 1 – just like me Pattern 1	Partition numbers to 4 Number bonds to 5	Series 1 episodes 13, 14, 15 4 can be partitioned into 2 and 2; and, 1 and 1 and 1 and 1.		Comparative language weight

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				The number of a group can be changed by adding to it or taking from it; addition and subtraction of 1; number bonds to 5 Addition and subtraction of numbers to 5; number bonds to 5		
Week 7	Time Review of number so far	Phase 3 Light and Dark Time – use visual timetable to model order of day Read Peace at Last	Comparing quantities up to 5	Series 3 episodes 1,2, A review of numbers 1 to 5 Comparison of numbers 1 to 5 using the language of 'greater than' and 'less than'	Number book	Comparative language weight
Spring 1 week 1	zero	Phase 4 – Alive in 5 Introducing zero Comparing numbers to 5	Counting backwards from 5 then 10 to zero	Series 3 episode 5 Introducing the concept of zero; zero is one less than 1 and an absence of something		Capacity - WR
Week 2	Composition 4 and 5	Phase 4 – Alive in 5 Composition of 4 and 5	Accurate counting	Series 1 episode 10 The key principles of counting: one-to-one correspondence; cardinality; stable order	(measures) Presents	Mass - WR
Week 3	Composition 4 and 5	Phase 4 – Alive in 5 Composition of 4 and 5 – digging deeper	Showing amounts with fingers adding one more	Series 1 episode 8 Counting to 4; adding 1s	(shape) I have a box	Mass – WR
Week 4	6,7,8 composition	Phase 5 – Growing 6, 7, 8 6, 7, 8 composition using 10 frames	Composition of 5	Series 3 episode 3 Composition of 5; partitioning and combining 5 in different ways	(measures) Long creatures	Length and height - WR
Week 5	Making pairs	Phase 5 – Growing 6, 7, 8 Making pairs	Subitising to support addition	Series 3 episodes 14, 15 Pairs of numbers that total 8 Pairs of numbers that total 10	(measures) Caterpillars	Length and height - WR

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Week 6	Combining 2 groups	Phase 5 – Growing 6, 7, 8 Combining 2 groups and digging deeper	Composition 6,7,8	Series 3 episodes 4 Composition of numbers to 5; exploring the part-part-whole model to partition and combine numbers to 5		Time - WR
Spring 2 Week 1	9, 10	Phase 6 – building 9 and 10 9 and 10	Compare and sort quantities	Series 3 episodes 6,7,9 A review of numbers 6 to 10 Counting to 10 Comparison of numbers to 10 using the language of 'bigger than', 'smaller than' leading to 'greater than' and 'less than'	(SSM) Beat the clock - counting	2D shape
Week 2	Comparing numbers to 10	Phase 6 – building 9 and 10 Comparing numbers to 10	Compare and order quantities	Series 3 episodes 10, 11 Composition of numbers to 10; partitioning and combining numbers in different ways Comparison of numbers to 10; finding the difference to make 7	Owl's packing list The voting station	2D shape
Week 3	Number bonds	Phase 6 – building 9 and 10 Number bonds to 10 – representing on part, part. whole	Number recognition	Series 2 episodes 6, 7 ,8 Adding 1; counting (1 to 10) Count back from 10 to 1; number bonds that total 10 Exploring equivalent ways to represent 6; partitioning 6 into equal groups; factors of 6		3D shape
Week 4	Number bonds	Phase 6 – building 9 and 10 Number bonds to 10 – representing numerically and as addition	Number recognition and order	Series 2 episodes 12, 14 Counting (1 to 8); number bonds within 7 Adding more than 1 to make 5 to 10		3D shape
Week 5	3D shape	Phase 6 – building 9 and 10 3D shape	Counting on/back from given number	Series 3 episode 8	(shape) Making a picture	Positional language

EYFS maths progression

				Building with blocks and exploring space and pattern		
Week 6	Repeating pattern	Phase 6 – building 9 and 10 Pattern 2	Composition to 10	Series 3 episodes 16, 17 2D shape Pattern	(shape) paths	Positional language
Summer 1 week 1	Building numbers beyond 10	Phase 7 – to 20 and beyond Building numbers beyond 10 Build numbers using 10 frames and numicon Begin to notice pattern in number	Subitising – finding totals	Series 3 episodes 24, 25, 26 Number 11; 11 is 10 and 1 Number 12 and arrays Number 14; 14 is 10 and 4	(measures) Sock washing line	length
Week 2	Counting patterns beyond 10	Phase 7 – to 20 and beyond Counting patterns beyond 10 Towers beyond 10 Numicon beyond 10	Counting – on and back, starting at different numbers to 20	Series 3 episodes 27, 28, 29 Number 15; 15 is 1+2+3+4+5 Exploring numbers 11, 12, 13, 14, and 15 Number 13; 13 is 10 and 3	The box game Counting collections	weight
Week 3	adding	Phase 8 – first then now Adding more	Composition – part whole	Series 3 episodes 13, 19 Numbers 6 to 10 are made from 5 and a 'bit' Adding multiples of the same number	Estimation station	capacity
Week 4	Taking away	Phase 8 – first then now Taking away	Teens number patterns	Series 2 episodes 13, 15 Subtracting 2 from numbers up to 10; counting in 2s Subtracting 1; counting (1 to 10); counting down 10 to 1 Series 3 episode 12 subtraction		2D/3D shape
Week 5	doubling	Phase 9 – find my pattern doubling	Teens number patterns	Series 2 episode 9 Doubling (1, 2, 4, 8) and halving; partitioning 8 into equal groups	Double trouble	2D/3D shape
Week 6	sharing	Phase 9 – find my pattern Sharing and grouping	Subitising – finding totals	Series 2 episode 10	Maths story time Two halves	2D/3D shape

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				Partitioning 9 into 3 equal groups; partitioning is the inverse of combining	Using books the doorbell rang	
Summer 2 week 1	Odd and even	Phase 9 – find my pattern Odd and even	Counting – on and back, starting at different numbers to 20, count in 2s, 5s and 10s	Series 2 episode 11 Odd and even numbers; equal groups		As needed
Week 2	Problem solving	Phase 10 – on the move Deepening understanding Problem solving	Composition – part whole	Series 3 episodes 18, 20 Problem solving and finding the missing number Problem solving – reasoning about number		As needed
Week 3	Match rotate and manipulate	Phase 7 – to 20 and beyond Spatial reasoning 1	Sort and match	Series 3 episodes 21, 22 Learn about numbers that make rectangle shapes (arrays) Partition 12 into equal groups		As needed
Week 4	Compose and decompose	Phase 8 – first then now Spatial reasoning 2	Compare and order	Series 3 episodes 23, 30 Solve problems involving arrays Other numbers made of consecutive numbers (3, 6, 10 and 15)		As needed
Week 5	Circular and symmetrical patterns	Phase 10 – on the move Patterns and relationships Circular pattern symmetry	Subitising – finding totals	Series 4 episodes 1, 5, 7 Numbers 1 to 15 Learn all about the number 16; 16 is 10 and 6 Learn all about the number 17; 17 is 10 and 7	(shape) pattern making	As needed
Week 6	Visualise and build	Phase 9 – find my pattern spatial reasoning 3	As needed	Series 4 episodes 8, 10, 11 Learn all about the number 18; 18 is 10 and 8 Learn all about the number 19; 19 is 10 and 9	(measures) Wrapping parcels (shape) Can you build this?	As needed

EYFS maths progression

				Learn all about the number 20; 20 is two tens		
Week 7	Mapping	Phase 10 – on the move Spatial reasoning 4	As needed	Any others from series 4		As needed

Main teaching activity based on White Rose. Supplemented by Numberblocks for either main teaching or mental maths/consolidation sessions.

Additional activities from NRICH as suggested each week.

Drip – 1 to 2 mins basic lang or understanding for SSM.