

Class 0 - Nursery

Maths We ensure that there are lots of opportunities for mathematical experiences in the continuous provision. Counting rhymes and stories are used regularly.	Colours- red, blue, yellow, green, purple, orange- sorting	Patterns in the environment- describing patterns	Number 1- subitise, dice pattern, numeral, collect 1, show on fingers, clap/ jump once, show on 5 frame, match digit to objects	Number 3- subitise, dice pattern and random pattern of 3, numeral, collect 3, show on fingers, clap/ jump 3 times, show on 5 frame, match digit to objects. Link to fairytales- 3 bears, 3 billy goats, 3 pigs	Number rhymes and stories Counting to 10 and beyond Number 5- subitise, dice pattern and random pattern of 5, numeral, collect 5, show on fingers, clap/ jump 5 times, show on 5 frame, match digit to objects.	Number rhymes and stories Counting to 10 and beyond Numbers to 5- what comes before/ after? one more/ one less Capacity- full, empty, half full, more, less	Number 1- subitise, dice pattern, numeral, collect 1, show on fingers, clap/ jump once, show on 5 frame, match digit to objects	Number 3- subitise, dice pattern and random pattern of 3, numeral, collect 3, show on fingers, clap/ jump 3 times, show on 5 frame, match digit to objects. Link to fairytales- 3 bears, 3 billy goats, 3 pigs	Number rhymes and stories Counting to 10 and beyond Number 5- subitise, dice pattern and random pattern of 5, numeral, collect 5, show on fingers, clap/ jump 5 times, show on 5 frame, match digit to objects.	Number rhymes and stories Counting to 10 and beyond Numbers to 5- what comes before/ after? one more/ one less Capacity- full, empty, half full, more, less Recap and consolidate
	Matching- buttons, tower, shoes, shapes, handprints (big and small) Sorting- colour, size. What do you notice? Guess the rule. Height and	Introduction to 2D shapes- shapes in environment- square, circle, triangle, rectangle Introduction to 3D shapes- shapes in environment- cube, sphere, cylinder, cone	Number 2- subitise, dice pattern and random pattern of 2,	Number 4- subitise, dice pattern and random pattern of 4, numeral, collect 4, show on fingers, clap/ jump 4 times, show on	Number 6- subitise, dice pattern and random	Recap and consolidate	Number 2- subitise, dice pattern and random pattern of 2, numeral, collect 2, show on fingers, clap/ jump twice, show on 5 frame, match digit to objects	Number 4- subitise, dice pattern and random pattern of 4, numeral, collect 4, show on	Number 6- subitise, dice pattern and random	

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Class 1 - Reception

Maths We use Mastery in number to teach maths and supplement it each half term using White Rose for shape, space and measure. We also ensure that there are lots of opportunities for mathematical experiences in the continuous provision.	Subitising within 3. Focus on counting skills Explore how all numbers are made of 1s Focus on composition of 3 and 4. Subitise objects and sounds Comparison of sets - 'just by looking' Use the language of comparison: more than and fewer than. 2D shapes ABAB patters Time- seasonal changes, visual weekly and daily timetables, days of the week, birthday month- children's own timeline- significant events- ordering	Focus on counting skills Focus on the 'five-ness of 5' using one hand and the die pattern for 5 Comparison of sets - by matching Use the language of comparison: more than, fewer than, an equal number Explore the concept of 'whole' and 'part' Focus on the composition of 3, 4 and 5 Practise object counting skills Match numerals to quantities within 10 Verbal counting beyond 20. Time- day and night/ nocturnal animals/ our daily routines. 3D shapes/ mass (Christmas parcels) Pattern-ABB, AAB, AABB, AABBB (wrapping paper)	Subitise within 5 focusing on die patterns Match numerals to quantities within 5 Counting – focus on ordinality and the 'staircase' pattern See that each number is one more than the previous number Focus on 5 Focus on 6 & 7 as '5 and a bit' Compare sets and use language of comparison: more than, fewer than, an equal number to Make unequal sets equal Spacial reasoning 1-3 Sharing and grouping	Focus on the 'staircase' pattern and ordering numbers Focus on ordering of numbers to 8 Use language of less than Focus on 7 Doubles – explore how some numbers can be made with 2 equal parts Sorting numbers according to attributes - odd and even numbers Making pairs Doubling Odd and even Spacial reasoning 4- Fairytale map	Counting to 20 and beyond– larger sets and things that cannot be seen Subitising – to 6, including in structured arrangements Composition – '5 and a bit' Composition - of 10 Comparison – linked to ordinality Play track games Measure- length and height (growing plants, throwing, jumping activities) Time (butterfly life cycle observed, seeds growing) Days, weeks, hours, minutes	Subitise to 5 Introduce the rekenrek Automatic recall of bonds to 5 Composition of numbers to 10 Comparison Number patterns Counting to 20 and beyond Recognising numbers past 20 Time- obstacle courses/ outdoor challenges- counting in seconds, timers, recipes Spacial reasoning 4- pirate treasure maps Measure- Capacity and mass
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Class 2 - Year 1/2

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	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 20) VIEW		Number Addition and subtraction (within 20) VIEW				Number Place value (within 100) VIEW				Geometry Shape VIEW	
Spring	Number Addition and subtraction (within 100) VIEW			Number Multiplication and division VIEW			Measurement Length and height VIEW		Statistics VIEW		Consolidation	
Summer	Measurement Money VIEW	Number Fractions VIEW		Measurement Time VIEW		Measurement Mass, capacity and temperature VIEW		Geometry Position and direction VIEW		Consolidation		

Class 3 - Year 3/4

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	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 Free trial VIEW				Number Addition and subtraction VIEW			Number Multiplication and division A VIEW		Measurement Area VIEW		
Spring	Number Multiplication and division B VIEW		Measurement Length and perimeter VIEW		Number Fractions A VIEW			Measurement Mass and capacity VIEW		Number Fractions B VIEW		
Summer	Measurement Time VIEW		Number Decimals VIEW			Measurement Money VIEW		Geometry Shape VIEW		Geometry Position and direction VIEW		Statistics VIEW

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Class 4 - Year 5/6

	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 VIEW		Free trial Number Addition and subtraction VIEW	Number Multiplication and division A VIEW			Number Fractions A VIEW				Number Multiplication and division B VIEW	
Spring	Number Multiplication and division B continued VIEW	Number Fractions B VIEW		Number Decimals A VIEW	Measurement Area, perimeter and volume VIEW		Number Decimals B VIEW				Number Fractions, decimals and percentages VIEW	
Summer	Ratio VIEW	Algebra VIEW		Geometry Shape VIEW		Geometry Position and direction VIEW		Statistics VIEW			Measurement Converting units VIEW	

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* It must be noted that where topics do not align for mixed year groups, lessons are to be taught using isolated objectives. However, where lessons can be taught alongside each other, the different objectives are extended for the higher year group. Children will be taught following the progression in the grids above to ensure that children are taught key concepts in the correct order. The weeks may not align where classes are working well and moving on quickly, they may need to revisit lessons/concepts or due to the timetabling such as assessment weeks.

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