

Nursery Maths Long Term Plan

	Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
Developing a strong grounding in number is essential so that all children develop the necessary building blocks to excel mathematically. Children should be able to count confidently, develop a deep understanding of numbers, the relationships between them and the patterns within those numbers. By providing frequent and varied opportunities to build and apply this understanding - such as using manipulatives, including small pebbles and five frames for organising counting - children will develop a secure base of knowledge and vocabulary from which mastery of mathematics is built. In addition, it is important that the curriculum includes rich opportunities for children to develop their spatial reasoning skills across all areas of mathematics including shape, space and measures. It is important that children develop positive attitudes and interests in mathematics, look for patterns and relationships, spot connections, 'have a go', talk to adults and peers about what they notice and not be afraid to make mistakes.						
White Rose Maths Counting	<u>Hear and Say Number</u> <u>Number Names</u> Hear some number names Join in saying some number names Model saying number names in order Practise saying number names in order Join in stable order counting forwards Join in stable order counting backwards	<u>Begin to Order Number</u> <u>Names</u> Model saying 1, 2 and 3 in play Copy the sequence of 1, 2 and 3 Copy fingers to represent 1, 2 and 3 Begin to count actions Say number names in order Look for collections of large and small amounts Say number names in order Begin to recognise that anything can be counted	<u>Move and Label 123</u> Make actions when saying counting words Move fingers when saying counting words Count out up to 3 objects from rhymes Notice number symbols as labels Label amounts as 1 and not 1 Label amounts as 1, 2 or 3	<u>Take and Give 1 2 3</u> Choose a group to count Take out 2 from a group Take out 3 from a group Give others 2 items Give others 3 items Count 3 objects with one to one correspondence	<u>Show Me 5</u> Sing rhymes to 5 and join in with movements Move props to 5 Move props back from 5 Show fingers to 5 Begin to count 5 objects with 1:1 correspondence Match numerals to quantities when acting out songs.	<u>Stop at 1 2 3 4 5</u> Count out up to 5 objects from a larger group Explore counting to 5 in different ways Verbally count to a given number Label objects with numerals Independently show fingers to 5 Begin to make marks to represent quantities
White Rose Maths Pattern	<u>Explore Repeats</u> Listen to repeats in songs and stories Start to join in songs with repeats. Start to join in with repeats from stories Clap along to songs Make line patterns with own sequences Choose blocks to build roads and towers.	<u>Join in With Repeats</u> Join in with repeated actions in songs Join in with repeats in songs and stories Sing some refrains independently Have a sense of daily routines Say what happens next Make arrangements in art	<u>Explore Own First Patterns</u> Explain simple pattern arrangements Make roads and bridges with intent Choose blocks to copy simple creations Make simple line patterns with objects Make simple pattern arrangements	<u>Lead on Own Repeats</u> Join in fully with sequences and songs Sings rhymes independently Lead sequences and songs Read on in familiar repeating stories Copy art based simple patterns	<u>Making Patterns Together</u> Sing own songs independently Clap in time to a beat Make and talk about movement patterns Talk about objects in patterns and arrangements Copy AB patterns with support	<u>My Own Pattern</u> Continue AB patterns Create own AB patterns Notice an error in a pattern Build constructions with simple enclosures Copy simple repeated constructions Begin to sequence some events

			Show an interest in patterns and shapes	Explore own line and repeating patterns in art	Continue AB patterns with support	
White Rose Maths Subitising		<u>I See 1 2 3</u> Notice images in books Respond to "I see 1, 2, 3" Recognise "I see 1, 2, 3" Point to 1, 2, 3 Recognise 1 2 3 in well known tales	<u>Show Me 1 2 3</u> Copy fingers to show 1 Copy fingers to show 2 Copy fingers to show 3 Show 1 finger when seeing 1 item in stories Show 2 or 3 fingers when seeing 2 or 3 in stories Show 1, 2, 3 on fingers when asked	<u>Talk About Dots</u> Become familiar with dot patterns Say when there is 1 dot Say when there are 2 dots Recognise 1 and 2 in different arrangements Say when there are 3 dots Recognise 1 2 and 3 in different arrangements		<u>Make Games and Actions</u> Match dot patterns Be introduced to subitising games Play subitising games Copy sets of sounds Listen to and represent sounds with fingers Listen to and represent sounds with resources
White Rose Maths Comparison	<u>More Than, Fewer Than, Same</u> Collect objects to compare amounts Make simple comparisons of amounts Look for collections of large and small amounts Compare and talk about large and small amounts Make large and small collections Make collections the same.				<u>Compare and Sort Collections</u> Notice when two collections are the same Make collections of small objects the same Recognise two collections are the same using large and small objects Make collections the same using large and small objects Sort and talk about their own collections	<u>Match Sort and Compare</u> Compare up to 5 different objects Compare by matching Make the same set by matching Match by type Recognise attributes of objects Begin to sort some objects to a type

White Rose Maths Space Shape and Measure	<u>Explore and Build with Shapes and Objects</u> Explore and play with shapes Show interest in simple differences between shapes Put shapes and blocks into position Select shapes for a reason Begin to explore and describe natural shapes and objects Find and collect objects for a purpose	<u>Explore Position and Space</u> Respond to simple language of position Arrange blocks in a chosen position Select shapes for a space Recognise when 2 objects are the same shape Explore and describe shapes and objects Sort shapes and objects into simple categories	<u>Explore Position and Routes</u> Explore shape resources Explore more complex inset jigsaws Talk about simple positions Move into simple positions Move through positions Follow simple small world routes	<u>Match Talk Push and Pull</u> Match simple shapes Push some shapes and blocks together Make simple arrangements Talk about arrangements Follow simple routes outside Follow toys around a simple route	<u>Starting to Puzzle</u> Complete shape match puzzles Complete simple jigsaws Match objects to pictures Match objects to shadows Explore objects and small world from different positions Make simple routes in small world with lines and curves	
Key stories	Five Little Ducks Brown Bear Brown Bear Dig Dig Digging The Little Red Hen Mixed A Colour Story The Colour Monster The Button Box A Pair of Socks	Owl Babies Three Billy Goats Gruff Mr Gumpy's Motor Car Farmer Duck Hairy McClary Each Peach Pear Plum Peepo MacDog's Home	The Ugly Duckling Where's My Teddy? It's the Bear Goldilocks and the Three Bears Cave Baby Where oh where is Rosie's Chick	Jasper's Beanstalk Jack and the Beanstalk My Cat Likes to Hide in Boxes The Enormous Turnip The Blue Balloon	The Tiger Who Came to Tea Dear Zoo Handa's Surprise The Three Little Pigs We're Going On a Bear Hunt	The Hungry Caterpillar The Gingerbread Man Rosie's Walk The Doorbell Went Five Little Fiends Night Monkey Day Monkey
Key songs	12345 Once I Caught a Fish Alive One Potato Here is the Beehive Tommy Thumb Where Are You? 1 2 Buckle My Shoe Twinkle Twinkle Polly Put the Kettle On Grand Old Duke Of York	12345 Once I Caught a Fish Alive Old McDonald Had a Farm If You're Happy and You Know it. Jack and Jill Ba Ba Black Sheep When Goldilocks Went to the House of the Bears Wind the Bobbin Up Hokey Cokey	When Goldilocks Went to the House of the Bears Five Little Ducks London Bridge is Falling Down	Three Little Speckled Frogs Three Little Men in a Flying Saucer Three Little Monkeys	Five Currant Buns There were 10 in the Bed We're All Going to the Zoo Tomorrow. Handa's Fruits in a Basket Flat	Clap Your Hands and Wiggle Your Fingers One Elephant Went Out to Play Five Little Caterpillar Crawled on My Shoe

Nursery Phonics Long Term Plan

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Reading is the core skill that is central to everything that children do. It is important that the children delight in listening to stories and enjoy exploring books for pleasure. The knowledge and skills of early reading are taught through the systematic teaching of phonics. Language comprehension is developed through talking with children about the world around them, the books that they choose to explore and the books that are read to them. Opportunities to enjoy rhymes, poems and songs are planned for throughout the curriculum.						
Foundation for Phonics		<u>Progression of Sounds</u> s a t p i n Introduce Picture Cards snake astronaut tiger penguin iguana net Teach children to hear the same initial sound for words and names of objects. <u>Oral Blending</u> Teach children to blend CVC words using oral blending and objects <u>Recognising Name</u>	<u>Progression of Sounds</u> m d g o c k e Introduce Picture Cards mouse duck goat octopus cat kite elephant Teach children to identify initial sounds of words and names of objects. Teach children to distinguish different sounds <u>Oral Blending</u> Teach children to blend a wider range of CVC words using oral blending <u>Recognising Name</u>	<u>Progression of Sounds</u> u r h b f l j Introduce Picture Cards umbrella rainbow helicopter bear flamingo lollipop jellyfish Teach children to identify initial sounds of words and names of objects. Teach children to articulate sounds correctly – including playing with voice sounds <u>Oral Blending</u> Teach children to blend a wider range of words using oral blending. <u>Recognising Name</u> Teach children to recognise the capital	<u>Progression of Sounds</u> v w y z q u c h Introduce Picture Cards volcano wave yo-yo zebra queen cherries Teach children to identify initial sounds of words and objects <u>Oral Blending</u> Teach children to blend a wider range of words using oral blending. <u>Recognising Name</u>	<u>Progression of Sounds</u> c k x s h t h n g n k Introduce Picture Cards sock (sound at the end) box (sound at the end) shells ring (sound at the end) pink (panda) (sound at the end) thumb/teeth (sound at the end) Teach children to identify the final sounds of words and objects. <u>Oral Blending</u> Teach children to blend a wide range of words using oral blending when playing oral blending games. <u>Recognising Name</u>

		Teach children to find their name using their picture.	Teach children to recognise the initial sound of their name.	letter that starts their name	Teach children to match their name to their picture.	
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