Little Acorns - EYFS Long Term Maths Planning

Maths in Preschool

Our teaching of maths in preschool is based on the White Rose Nursery Curriculum and focuses on practical and hands-on maths experiences for all children.The teaching will focus on five core principles:

1. **The one to one principle** - This involves children assigning one number name to each object that is being counted. Children need to ensure that they count each object only once, ensuring they have counted every object.
2. **The stable order principle** - Children understand that, when counting, the numbers have to be said in a certain order.
3. **The cardinal principle** - Children understand that the number name assigned to the final object in a group is the total number of objects in that group.
4. **The Abstraction principle -** This involves children understanding that anything can be counted, including things that cannot be touched, such as sounds and movements e.g. jumps.
5. **The order - irrelevance principle** - This involves children understanding that the order in which we count a group of objects is irrelevant. There will still be the same number.

Maths in Reception

Our teaching of maths in reception is based on the White Rose curriculum. Maths is taught through regular, adult-led focused tasks and enhanced provision areas. Children are given regular opportunities for guided practice and to use and apply their mathematical knowledge through the provision areas. Our aim to ensure that maths is accessible to all pupils and they leave reception with a solid understanding of the Early Learning Goals (ELGs)

<u>Number:</u> -Have a deep understanding of number to 10, including the composition of each number; -Subitise (recognise quantities without counting) up to 5; - Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.	<u>Numerical Patterns</u> - Verbally count beyond 20, recognising the pattern of the counting system; - Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity; - Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally

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White Rose Maths - Little Acorns (Preschool)					
Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Compare Amounts - More than - Fewer than - Same - Largest - fewest Hear and say number names - Repetitive counting songs - What numbers can you hear up to 5 - Finger rhymes Model saying 1, 2 ,3 - Begin to count actions - Say numbers in order - Recognise that anything can be counted	Explore and build with shapes and objects - Building blocks - Put blocks and shapes into different positions - Use objects to create shapes - Recognise that two objects are the same shape I see 1,2,3 - Recognise 1,2 and 3 in images in books - Subitise up to 3.	Move and Label numbers - Use action songs to count along with - Move fingers when counting with songs - Notice numbers on labels Explore shape resources - Explore more complex inset jigsaw puzzles - Positional Language - Make simple routes	Time - Order of the day - order of getting dressed - sequencing Capacity - Different sized containers in water - Full, empty, half Explore and build with shapes and objects - Building blocks - Put blocks and shapes into different positions	Match talk, push and pull - Simple shapes - Select shape for appropriate tasks Compare and sort collections of objects I see 4 and 5 - Subitise up to 5. - Recognise 4 and 5 in images in books	Explore simple patterns - Make patterns with intent - Make roads and bridges - Line patterns - Pattern arrangements Compare - Matching - Type - Number - objects

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White Rose Maths - Little Acorns (Reception)					
Baseline Assessment Match, Sort and Compare - Sets of objects, pictures and amounts - Size, Mass, Capacity - Patterns Introduce numbers 1,2 and 3 - Subitise - 1 more - 1 less - Composition of these numbers	Identify and name shapes - Circles and triangles - Find shapes with 4 sides - Combine shapes - Shapes in the environment - Day and night Positional language Introduce numbers 4,5 and 6. - Subitise - 1 more - 1 less - Composition of these numbers	Introduce numbers 7,8 and 9 - Subitise - 1 more - 1 less - Composition of these numbers - Conceptual understanding - Represent	Length, height and time - Explore - Compare - Order and sequence Explore Mass and capacity Explore 3D shapes	Introduce number 10-20 - Build and count - Patterns of numbers Addition - How many did I add? Subtraction - How many did I take away? Shapes - Select shapes for a purpose - Rotate - Manipulate - Compose and decompose Revise 2D and 3D shapes	Sharing and grouping - Odd and even numbers - Doubles - Sharing and halving Repeating patterns - Create - Explore - Replicate Mapping - Maps of models - Maps of familiar places - Maps of stories