



WROCKWARDINE WOOD INFANT SCHOOL AND NURSERY LONG TERM PLAN FOR MATHEMATICS- Nursery

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AUTUMN	Selects a small number of objects from a group when asked, for example, 'please give me one', 'please give me two'.	Selects a small number of objects from a group when asked, for example, 'please give me one', 'please give me two'.	Recites some number names in sequence.	Recites some number names in sequence.	Notifies simple shapes and patterns in pictures.	Landmark Knows that a number name means a value (cardinality) Begins to make comparisons between quantities.	Landmark Knows that a number name means a value (cardinality) Begins to make comparisons between quantities.	Landmark Knows the names of some shapes such as square and circle Beginning to categorise objects according to properties such as shape and size	Knows that a group of things changes in quantity when something is added or taken away	Knows that a group of things changes in quantity when something is added or taken away	Begins to use the language of size. Landmark Uses descriptive words like 'big' and 'little' in everyday play situations and through books and stories.	Creates and experiments with symbols and marks representing ideas of number.	Understands some talk about immediate past and future, e.g. 'before', 'later' or 'soon'. Anticipates specific time-based events such as mealtimes or home time.
SPRING	Uses some number names and number language spontaneously. Uses some number names accurately in play.	Shows an interest in shape and space by playing with shapes or making arrangements with objects.	Recites number to 10. Shows curiosity about number by offering comments or asking questions. Shows an interest in number problems	Shows an interest in shape and space by playing with shapes or making arrangements with objects.	Landmark Can say number names in order and self-correct. Knows that numbers identify how many are in a set.	Shows awareness of similarities of shapes in the environment. Shows interest in shapes in the environment	Realises that not only objects, but anything can be counted. Including steps, claps and jumps. Landmark Recognises the number name and the quantity accurately.	Shows awareness of similarities of shapes in the environment. Shows interest in shapes in the environment	Compares 2 groups of objects, saying when they have the same number.	Shows interest in shape by sustained construction activity or by talking about shapes or arrangements. Uses shapes appropriately for tasks. Landmark Knows the names of some shapes.	Separates a group of 3 or 4 objects in different ways, beginning to recognise that the total is still the same. Landmark Recognising the quantities of 1, 2, 3 on their own without counting.	Shows interest in shape by sustained construction activity or by talking about shapes or arrangements. Uses shapes appropriately for tasks. Landmark Knows the names of some shapes.	Beginning to represent numbers using fingers, marks on paper or pictures.
SUMMER	Shows an interest in representing numbers	Uses positional language. Landmark Knows some positional language.	Shows an interest in numerals in the environment. Landmark Recognises some numerals accurately	Uses positional language. Landmark Knows some positional language.	Sometimes matches numeral and quantity correctly.	Beginning to talk about the shapes of everyday objects, e.g. 'round' and 'tall'. Landmark Shows an understanding of comparison.	Counts up to three or four objects by saying one number name for each item. Landmark: Counts reliably to 5. Recognises 5 fingers on each hand	Beginning to talk about the shapes of everyday objects, e.g. 'round' and 'tall'. Landmark Shows an understanding of comparison.	Counts actions or objects which cannot be moved	Beginning to use mathematical names for 'solid' 3D shapes and 'flat' 2D shapes, and mathematical terms to describe shapes. Selects a particular named shape. Landmark Knows the names of some solid shapes.	Recognises number structures to 5.	Beginning to use mathematical names for 'solid' 3D shapes and 'flat' 2D shapes, and mathematical terms to describe shapes. Selects a particular named shape. Landmark Knows the names of some solid shapes.	Counts objects to 10, and beginning to count beyond 10.



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Place value Number Shape Measurement