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| **Bearnes Maths Curriculum Plan EYFS** |
| **Intent** |
| At Bearnes, we believe that EYFS is crucial in securing early mathematical foundations that children will build on. Each child, irrespective of ability, race or gender, is offered varying opportunities to reach their full mathematical potential through taking account of each child’s starting point, carefully developing a flexible maths curriculum that enables each child to follow the path that their learning journey takes in a way that is suitable for their unique needs and stage of development. We aim for all children to be ‘curious’ mathematicians and have a love of maths, providing children with opportunities to practise and improve their skills in counting, comparing numbers, composition of numbers, recognising patterns of numbers, describing shapes, spaces, and measures.NumberBy the end of the EYFS, children will:*Cardinality and Counting** understand that the cardinal value of a number refers to the quantity, or ‘howmanyness’ of things it represents

*Comparison** understand that comparing numbers involves knowing which numbers are worth more or less than each other

[*Composition*](https://www.ncetm.org.uk/resources/52503)* understand that one number can be made up from (composed from) two or more smaller numbers. Use quantities and objects to add and subtract 2 single-digit numbers and count on or back to find the answer

[*Pattern*](https://www.ncetm.org.uk/resources/52504)* Solve problems, including doubling, halving and sharing to help children notice and understand mathematical relationships

Shape, Space and MeasureBy the end of the EYFS, children will:*Shape and Space** Recognise, create and describe patterns. Understanding what happens when shapes move, or combine with other shapes, helps develop wider mathematical thinking
* Explore characteristics of everyday objects and shapes and use mathematical language to describe them

[*Measures*](https://www.ncetm.org.uk/resources/52506)* Use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems.
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| Impact  |
| By the end of the EYFS, children will have a love of maths. They will be willing to have a go, get involved and concentrate, have their own ideas, choose different ways and find new ways to do things and enjoy achieving what they set out to do. The foundations of good number sense, shape, space and measure will have been laid and key concepts such as cardinality and counting, comparing numbers (more/less), composition and patterns of numbers will be embedded without the need for overt adult support. They will have the skills they need to be ready for Year one.  |