



Maths Knowledge Organiser for Reception

Term: Summer 1

Key vocabulary:

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| <ul style="list-style-type: none">• More• Add• Plus• Sum• Equals• All together• Even / odd | <ul style="list-style-type: none">• Subtract• Take away• More/less• Double• Odd/even |
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Curriculum Objectives

- Recites numbers in order 1-20
- Recognise numbers to 20
- Write and order numbers to 10
- Count out objects to 10 and match correct numerals
- Start to count on from a given number 0- 20
- Know the composition of each number up to 10 (e.g. 5 and 2 makes 7, 3 and 4 also makes 7)
- Says the number that is one more or one less than a given number – 1 to 15
- Solve simple addition and subtraction problems
- Recall number bonds up to 10
- Explore odd and even numbers
- Recall double facts to 10
- Talk about shapes

Examples

- Make books about numbers that have meaning for the child such as favourite numbers, birth dates or telephone numbers
- Use rhymes, songs and stories involving counting on and counting back in ones, twos, fives and tens
- Show interest in how children solve problems and value their different solutions
- Make sure children are secure about the order of numbers before asking what comes after or before each number
- Discuss with children how problems relate to others they have met, and their different solutions
- Talk about the methods children use to answer a problem they have posed, e.g. 'Get one more, and then we will both have two'
- Encourage children to make up their own story problems for other children to solve
- Encourage children to extend problems, e.g. "Suppose there were three people to share the bricks between instead of two"
- Use mathematical vocabulary and demonstrate methods of recording
- Use language such as add, plus, more, take away, less, subtract
- Use counters to support practical ways of solving addition and subtraction problems
- Use a 100 square to show number patterns (e.g. odds and evens)
- Encourage children to record what they have done, e.g. by drawing or tallying
- Make number lines available for reference and encourage children to use them in their own play

For more information please see the calculation policy on the school website or your child's class teacher.

