



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">• Double• Share• Group• Equal parts |
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Curriculum Objectives

- Have a deep understanding of number to 10, including the composition of each number.
- Automatically recall number bonds up to 10 (including subtraction facts)
- Recall double facts to 10
- 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

Examples

- Use games with dice to recall facts to 10 – write the number sentence
- 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
- Use dice to discuss the number roll as a double
- 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'
- When recalling bonds to 10 encourage children to record number sentences and look for the patterns
- Encourage children to make up their own story problems for other children to solve
- 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

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

