



## Maths Knowledge Organiser for Reception

### Term: Summer 2

#### Key vocabulary:

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| <ul style="list-style-type: none"><li>• Doubles</li><li>• Equals</li><li>• Same</li><li>• Add</li></ul> | <ul style="list-style-type: none"><li>• Even</li><li>• Odd</li><li>• Share</li><li>• Halve</li><li>• Number bonds (e.g. <math>3+7=10</math>, <math>6+4=10</math>)</li></ul> |
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#### Curriculum Objectives

- Recites numbers to 30+ (verbally count beyond 20)
- Recognise numbers to 20
- Writes numbers 0-20
- Match numerals to objects to 20 and compare quantities of objects up to 10
- Automatically recall number bonds up to 5 then to 10
- Recall double facts to 10
- Says the number that is one more or one less than a given number – 1 to 20
- Begin to solve problems related to sharing

#### Examples

- Can you pick two numbers from a bag and recall the double fact.
- Use the environment to look for numbers to 10 and ask the question of what is double 4, 5.
- Write the double fact down and look at patterns in your answers.
- When out on a walk can you find odd and even numbers.
- Use rhymes, songs and stories involving counting
- Show interest in how children solve problems and value their different solutions.
- Talk about the order of numbers before asking what comes after or before each number.
- 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.

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

**Even and Odd Numbers**

**Even Numbers** end in

0 2 4  
6 8

Examples: 4, 56, 730

**Odd Numbers** end in

1 3  
5 7 9

Examples: 9, 83, 641

