



## Maths Knowledge Organiser for Reception

Term: Spring 1

### Key vocabulary:

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| <ul style="list-style-type: none"><li>• Number names - six, seven, eight nine and ten,</li><li>• Count on</li><li>• Next number</li><li>• Put together, move</li><li>• Join</li><li>• More</li><li>• Add</li></ul> | <ul style="list-style-type: none"><li>• Total/altogether/combine</li><li>• Comparing numbers - more/less</li><li>• Weight – heavy, heaviest, lightest, light, balance</li><li>• Longest/shortest</li><li>• Time - daily routines morning, afternoon, next, yesterday</li></ul> |
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### Curriculum Objectives

- Recites numbers in order 1-10
- Recognise numbers to 10
- Writes numbers to 10
- Orders numbers to 10
- Match and label objects to 10
- Starts to count on from a given number 1 - 10
- Says the number that is one more or one less than a given number – 1 to 10
- Find the total of two groups when put together (within 10)
- Records, using marks that they can interpret and explain
- Compares different objects and relates to vocabulary such as heavier or lighter
- Talks about objects that are longer or shorter

### Examples

- Encourage estimation, e.g. estimate how many sandwiches to make for the picnic. Can they write their prediction?
- Encourage use of mathematical language, e.g. number names to ten: 'Have you got enough to give me three?'.
- Provide collections of interesting things for children to sort, order, count and label in their play.
- Display numerals in purposeful contexts, e.g. a sign showing how many children can play on a number track.
- Create opportunities for children to experiment with a number of objects, the written numeral and the written number word. Develop this through matching activities with a range of numbers, numerals and a selection of objects.
- Talk about or use counters to experiment different ways to make a number such as 6 ,7 ,8, 9, 10
- Talk about what number is 1 more or 1 less than the number 6 ,7, ,8 ,9, 10
- Encourage children to count the things they see and talk about and use numbers beyond ten
- Make number games readily available and teach children how to use them.
- Read interesting books about numbers.
- Play games such as hide and seek that involve counting.
- Encourage children to record what they have done, e.g. by drawing or tallying.
- Use number staircases or count up when going upstairs and count back when going downstairs.
- Make books about time and measure: shapes found in the environment; long and short things; things of a specific length; and comparing things that are heavier or lighter.

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

