Red Class Maths Overview Term 1

At Emersons Green Primary, we follow the White Rose Maths scheme of learning. This scheme breaks the core learning for each year group down into 'small steps' which build gradually, allowing children to make steady and secure progress. The scheme also follows a mastery-based approach, which enables children to build the depth of their mathematical understanding. The aim of maths teaching in EYFS is to build strong foundations which enable children to become confident mathematicians. You can find out more here: https://whiterosemaths.com/advice-and-guidance.

Below is an overview of the key mathematical concepts we will be covering each week, as part of our 'main' maths teaching and learning – this maths will be explicitly taught through whole-class and small-group sessions. Children will be supported and challenged at an appropriate level during these sessions.

Maths is also part of everyday teaching and learning in Reception – things such as updating the calendar, and counting and comparing 'story votes', as well as using maths in children's play.

<table>
<tr><th></th><th colspan="3">W/B 4/9/23</th><th>W/B 11/9/23</th><th>W/B 18/9/23</th><th>W/B 25/9/23</th><th>W/B 2/10/23</th><th>W/B 9/10/23</th><th>W/B 16/10/23</th></tr>
<tr><td>Main focus</td><td colspan="3" rowspan="2">Getting to Know You!

These first few weeks are the 'settling in' period, where children are becoming familiar with the environment and the people in it.

During these weeks, there are plenty of opportunities for mathematics!

• Updating the calendar – learning about days, months, seasons and the concept of 'one more'
• Looking at how many children are in school/away from school
• Counting story votes before story time, to see which book has the most votes
• Singing counting songs and rhymes
• Using positional language when tidying up or finding resources
• Looking for any chance we have to subitise or count!

There are also lots of opportunities for children to begin to explore the maths available to them as part of their continuous provision, with us introducing new maths game and resources into the environment and into children's play. Maths also naturally comes in to areas such as block play, malleable play and sand play (shapes) and role play (money).</td><td>Match, Sort and Compare</td><td>Match, Sort and Compare</td><td>Talk about Measure and Pattern</td><td>It's Me 1, 2, 3</td></tr>
<tr><td></td><td>Step 1
Match objects
Step 2
Match pictures and objects
Step 3
Identify a set
Step 4
Sort objects to a type</td><td>Step 5
Explore sorting techniques
Step 6
Create sorting rules
Step 7
Compare amounts</td><td>Step 1 Compare size
Step 2 Compare mass
Step 3 Compare capacity
Step 4 Explore simple patterns
Step 5 Copy and continue simple patterns
Step 6 Create simple patterns</td><td>Step 1 Find 1, 2 and 3
Step 2 Subitise 1, 2 and 3
Step 3 Represent 1, 2 and 3</td></tr>
<tr><td>Development Matters objectives

Early Learning Goals are written in blue.</td><td>Count objects, actions and sounds.

Compare numbers.</td><td>Count objects, actions and sounds.

Compare numbers.</td><td>Make comparisons between objects relating to size, length, weight and capacity.

Talk about and identify the patterns around them.

Continue, copy and create repeating patterns.</td><td>Count objects, actions and sounds.

Link the number symbol (numeral) with its cardinal number value.

Subitise.</td></tr>
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Support at home

Mathematical understanding can be developed at home in lots of simple ways:

counting/subitising object or actions **comparing amounts of toys (e.g. there are more trains than cars)** **referring to time (e.g. morning, tomorrow)**

comparing length, weight and capacity of things around the home **looking out for numerals in the environment**