Maths Activities
For
Reception Children
Autumn Term 2025

This leaflet contains 10 short Mathematics homework activities for you to complete with your child. These activities cover different areas of Mathematics such as counting, recognising numbers and shape and space. These activities will enable your child to experience an experiential approach to Mathematics and will build their confidence when using and applying numbers and shapes. All of the activities link to the work your child will be completing in class.

Please complete one activity each week during the autumn school term and tick when you have completed each activity. Activities can be revisited if your child finds any area difficult. This work does not need to be recorded on paper or handed into school, however if you have any problems or difficulties with a particular task, please do not hesitate to contact us in school.

Thank you for your support.
Miss Muller and Mrs Healy

Diamonds Mathematics Homework - Autumn Term

Activity Number	Activity	Completed
1	Sing your favourite number rhymes e.g. 'Five current buns' or 'Five little ducks'. Use your fingers to show how many you have/are left. *Challenge: write the numbers to show how many you have/have left?*	
2	Practise your counting skills by counting how many items there are in the fridge or fruit bowl to a total of 10/20. *Challenge: which items do you have the most of? Which items do you have the least of?*	
3	Choose some of your toys and sort them into 2 groups e.g. animals and people figures, or cars and trains. *Challenge: now sort your toys in a different way e.g. red toys and blue toys, or those with wheels and those with no wheels.*	
4	Look around your house and look for items that have patterns on them, such as stripes, spots, stars, hearts, flowers or animal print. *Challenge: design your own pattern on paper.*	
5	Find a variety of everyday objects and put them into order of length. Which one is the longest/shortest? *Challenge: Use a sentence to describe the length of objects e.g. The pencil is shorter than the scarf.*	
6	Using coloured pencils or collage materials (small pieces of paper, sequins, stickers, feathers) create your own repeating pattern. For example, blue sequin, red feather, blue sequin, red feather. *Challenge: now create a more complicated pattern.*	
7	Use the number formation mat and have a go at writing the numbers correctly. Look at the arrows to see where to start and which direction to go in. If you are finding it tricky, you could trace over the numbers with your finger first. *Challenge: can you write the numbers on your own?*	
8	Make a collection of objects which are the same colour. Count how many you have found and write the number. *Challenge: repeat this again with a different colour. Which colour do you have the most of? Which colour do you have the least of?*	
9	Find a variety of containers and fill them with different amounts of water. Which container is full/empty? *Challenge: which container holds the most water? Which container holds the least water?*	
10	Go on a shape hunt! Look around your home and find objects which are circles, triangles, squares or rectangles or have these shapes on them. *Challenge: can you make a picture using these shapes?*	