

# An insight into Maths within the Early Years at Glynwood



## How does Maths link to the Early Years Foundation Stage Profile?

### **Mathematics – Numbers**

#### **Early Learning Goal**

Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer. They solve problems, including doubling, halving and sharing.

### **Mathematics Shape, Space and Measure**

#### **Early Learning Goal**

Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems. They recognise, create and describe patterns. They explore characteristics of everyday objects and shapes and use mathematical language to describe them.

## How does Maths look within the Early Years classrooms? These are some of the things you might see which link to Maths.

- ♥ Adult-led, discreet teaching of maths in Reception. Resources which link directly to what has been taught in these sessions are available for children to use independently within the classroom.
- ♥ Children developing an understanding of what numbers are. For example, knowing the 'oneness of one', that a single object represents one.
- ♥ Children exploring shape, space and measure within their independent play. This might be seen in the big blocks area where children are arranging 3D blocks and working out how shapes are used within their own environment. You might see children exploring measurement when playing in the water area, using the language of 'full' and 'empty'.
- ♥ Adults working alongside children, demonstrating appropriate mathematical language and asking questions to move learning forward.
- ♥ Children engaging in play with 'loose materials' such as conkers, pine cones or buttons. Children make arrangements with these items and naturally count them. Adults might encourage 1:1 correspondence by showing children how to count one number name for each item they have.
- ♥ Children may create their own matching activities in which they place the correct number of items onto the corresponding numeral tile or card.
- \* Please see document titled 'Maths opportunities in Reception' for more examples of the things you will see in our Reception classrooms which link to maths.

Please feel welcome to visit the Nursery and Reception classrooms to look at some of these things in action – we love to have visitors! If you would like to access the children's learning journey's to see evidence of your subject within the early years, please come and ask – we will be more than happy to show you.