



### **What does Mathematics look like in Early Years at the NCEA Trust?**

In Early Years at NCEA Trust children gain a positive and resilient attitude to mathematics. Children are taught a strong grounding in number and the vocabulary needed to articulate their mathematical thinking. They have the opportunity to learn both inside and outside of the classroom and be able to apply their skills and knowledge to a range of real life and meaningful contexts. Children are encouraged to be 'noticers' and see numbers and shapes everywhere they go and spot connections and patterns.

Mathematics is taught through stories, rhymes, playing games, exploring patterns and investigating as well as through specific teaching of skills and knowledge.

### **Mathematics in Reception:**

In Reception, as part of our Mathematics teaching we follow the White Rose Maths scheme which helps us to 'dig deeper' with our thinking.

We continue to develop our key skills with numbers to ten and counting beyond ten. Comparing numbers and amounts, understanding one more and one less. Finding out about the composition of numbers and knowing our number bonds to ten through problem solving and practical activities.

The children record their own ideas. They have opportunities to explore 2d and 3D shapes to see how they can be composed and decomposed and to help develop their spatial reasoning skills.

The children create their own repeating patterns and compare weight, length and capacity. They learn how to explain their reasoning and investigate different possibilities as well as solve problems.

Jigsaw puzzles, number games, number rhymes and stories continue to be a strong focus throughout Reception, as well as daily routines and the links to number and shape space and measures in all areas of the curriculum.