



Newquay Primary Academy

EYFS MATHEMATICS POLICY

October 2023



This policy was developed on: October 2023

The policy will be reviewed on: October 2025

At Newquay Primary Academy, our Maths leader is a Mastery Specialist who works closely with our local Maths Hubs and other schools across the region. Our aim is to deepen children's understanding of Maths and not accelerate learning, as a result our children develop fluency before moving onto reasoning and problem solving. Our teaching is richly supported using pictorial and concrete resources. We value the microscopic gains pupils make in Maths and, therefore believe offering opportunities for all pupils to deliberately practise their fluency is vitally important and this is a key feature of every one of our lessons.

Our Maths teaching guides the children through small steps with adult-led activities and continuous provision. The focus is on building up the numbers slowly, so children gain a deep understanding of them and how they are composed. However, this does not mean children should not be counting and discussing larger numbers in routines such as lining up. EYFS will be supported in gaining an understanding of the counting principles-

1. The one-to-one principle.
2. The stable-order principle.
3. The cardinal principle.
4. The abstraction principle.
5. The order-irrelevance principle.

Throughout their year in EYFS, children will cover and build on their understanding across 18 blocks of learning where they will be offered a variety of opportunities to develop the understanding of number, shape, measure, and spatial thinking.

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
|--------|---------------------|--------|-------------------------|-----------------------------------|---------------------------------|-------------------------|-----------------|--------------------------|-----------------------|--------------------|---------------|---------------------|
| Autumn | Getting to know you | | Match, sort and compare | | Talk about measure and patterns | | It's me 1, 2, 3 | | Circles and triangles | 1, 2, 3, 4, 5 | | Shapes with 4 sides |
| Spring | Alive in 5 | | Mass and capacity | Growing 6, 7, 8 | | Length, height and time | | Building 9 and 10 | | Explore 3-D shapes | | |
| Summer | To 20 and beyond | | How many now? | Manipulate, compose and decompose | | Sharing and grouping | | Visualise, build and map | | Make connections | Consolidation | |

Once children have a firm grasp of each mathematical technique, we challenge our pupils to use what they have learnt and to make rich connections across the distinct areas to solve problems. We believe it is important for children to be able, not only to find the answers to problems, but also to be able to explain the reasoning behind their lines of enquiry using accurate mathematical vocabulary.

Children will be regularly told 'the answer is just the beginning!' By celebrating learning and through engaging challenges inside and outside, we inspire our pupils to increase their fluency in maths and to become increasingly sophisticated problem solvers, both in Maths and across the curriculum.