

“Without mathematics, there is **nothing** you can do. **EVERYTHING** around you is **mathematics**.

**EVERYTHING** around you is **NUMBERS**.”

- Shakuntala Devi

## What does maths look like at Bovington?

Maths is taught through school in line with the National Curriculum. Through a variety of methods and resources we enable our children to calculate, reason and to solve problems. At Bovington Academy we have resources & expertise to challenge and deepen children’s understanding further, exposing the children to mathematical vocabulary, practising times tables- enabling their ability to recall facts and apply that knowledge rapidly and accurately - improving number confidence and teaching them important mental maths strategies.



## What learning opportunities are available?

During their time in the Foundation Stage, children will explore mathematics through play, songs and rhymes, investigative work, doing and observing. The children will start to build an understanding of numbers and shape and space. These newfound skills will help create a strong foundation

In Year 1, children will begin to have a more concrete understanding of numbers. They will progress from using pictures and jottings, will build on their confidence with a variety of resources, to solve mathematical problems. In Year 2, children will be taught to solve number problems using formal methods. Years 3 and 4 will develop these skills further, progressing onto solving problems with three and four-digit numbers (and problems including decimals in Year 4).

In Years 5 and 6, children will be challenged further through more sophisticated problems, solving problems with more than four digits, decimals and fractions.

## Why do we learn maths?

Mathematics introduces children to concepts, skills and thinking strategies that are essential in everyday life and support learning across the curriculum. It helps children make sense of the numbers, patterns and shapes they see in the world around them, offers ways of handling data in an increasingly digital world and makes a crucial contribution to their development as successful learners.

Children use maths to solve problems, leading them to discover and make new connections. Studying maths stimulates curiosity, fosters creativity and equips children with the skills they need in life beyond school.