

## Maths

*At Epsom Primary and Nursery School, we are passionate about enabling the children to become confident and fluent mathematicians who are able to apply their knowledge and skills to problem solve and use their reasoning to explain their mathematical thinking.*

We aim for our pupils to approach maths with an inquiring and inquisitive mind. Our goal is to provide a love for mathematics through an enjoyable and inclusive learning environment where every milestone is met so that they are ready for the next stage of their education.

We follow a mastery approach to teaching maths, and we follow the White Rose Hub small steps planning for each year group using the White Rose Hub topic overview (see the link below). We believe every child is capable of reaching the same understanding of mathematical concepts with a small step guided approach. This allows fluid progression as pupils move through the school embedding concrete, pictorial and abstract representations for mathematical concepts.

In addition, we place a high emphasis on knowing and retaining the [maths key facts and skills](#) which we have developed to help children to build on and become more confident with each year. Along with high quality teaching, this will enable progression towards the [maths milestones](#) that should be reached at the end of each key stage.

We aim to develop pupils' understanding of how maths contributes to real life situations by discovering connections and patterns in Mathematics. We encourage mathematical talk and collaborative learning through providing opportunities for children to explain and justify their thinking using mathematical language.

Through regular arithmetic practice, children become confident in expected methods of the four number operations as they progress through each year group. ([Click here for our Calculation Policy](#)) It is also important that they increase their knowledge and recall on times table facts as well as their division facts to promote number connections.

Within each lesson, the children develop new skills through guided practice before applying them to their own independent task. This enables the children to become fluent and gain a deeper understanding through modelling. We encourage the children to demonstrate their understanding by exposing them to problem solving and reasoning questions within every lesson. All children are challenged to ensure that they reach their potential and they are able to master the foundations of mathematical concepts and they are given a range of opportunities for mathematical investigations.

### Website Links:



[White Rose Maths – Primary Resources](#)



[Times Tables Rock Stars](#)



[Numbots](#)