

# Maths



## VISION

The aim of our maths curriculum is to equip children with the ability to reason mathematically, while developing a range of mathematical skills. We believe these skills will allow children to be successful with mathematical concepts in the real world.

Maths is essential to everyday life, critical to many different career paths, and necessary for understanding day to day essentials, such as money and time.

Our children develop strong fluency in basic skills, which then underpin reasoning and problem solving to prepare them for secondary education and beyond.

## INTERVENTION

The Mastery approach to teaching maths broadly allows children to build up their understanding of concepts slowly. Understanding of new mathematic concepts can only be built upon if prior knowledge is secure. Therefore, intervention is carefully planned by teachers and support staff to enable those learners who have gaps in their mathematical knowledge to develop an understanding of these areas. This intervention is carried out on a one to one basis or in small groups, as needed. This helps children learn more successfully in the main maths lessons.



## MASTERY APPROACH

We teach maths through the 'Mastery' approach. Mastering maths means pupils of all ages acquire a deep, long-term, secure and adaptable understanding of the subject. All maths lessons link to prior learning and new learning is built up in small steps, ensuring each aspect is clearly understood.

## MASTERING NUMBER

Each day, all children take part in Mastering Number or arithmetic sessions. During these lessons, the children work on quick recall of taught number facts. These include number bonds, multiplication and division facts

In upper Key Stage 2, these skills are built on further to include application of learned number facts to more advanced, arithmetic-style problems.

## FLASHBACK STARTERS

Daily maths lessons include a Flashback starter task. This is done at the beginning of the lesson and involves children being give between 2 and 4 key questions which link to their prior learning in maths.

The aim of the Flashbacks is to allow children to recap learning they have already covered and practise key mathematical skills in order to help them ensure these are not forgotten and can be built upon successfully.

