



Maths – Impact – What

Children are encouraged to be resilient, independent and creative learners.

Maths – Implementation – How

A Calculation Policy for all 4 operations which is followed from Year 1-6 and directly links to the National Curriculum expectations

Progressive maths vocabulary is modelled by staff and shared with children.

Maths working walls have been implemented across the school to support children's learning and are updated in line with current maths topics.

Maths – Intent – Why

- To provide high quality maths lessons with a mastery approach
- To have a wide range of strategies to enable them to be confident with number/ reasoning, problem solving, shape and measure.
- Provide 'real life' contexts in order to be able to use and apply outside the classroom in everyday life.
- Develop a love of maths, a thirst for learning and want to be challenged.
- To inspire children to take risks in their learning and develop resilience when tackling mathematical problems, through growth-mindset.
- Have a quick recall of number facts and times tables.
- Have a good high level of understanding.
- To broaden children's mathematical vocabulary, using this to overcome and reason mathematical problems.
- Our curriculum intentions are best summed up in our drivers: **Believe; Equality; Lifelong learning; Ongoing respect; Nurturing; Growing in faith; Independent; Never giving up/perseverance; Gaining new experiences – B-E-L-O-N-G-I-N-G**

Succinct assessment through the use of child-friendly assessment grids. Supported by Rising Star assessments and White Rose to ensure fluency and application skills.

In order to develop the children's multiplication skills, we practice the Magic Ten each day. The children focus on a specific timetable each day to help build their recall of their times tables.

High quality teaching that meets individual needs through appropriately-targeted lessons, providing support and challenge.

Opportunities outside Maths lessons, including cross-curricular links and outdoor learning.

Children talk confidently about mathematics using accurate vocabulary

Children confidently apply their mathematical knowledge to problem solving and other areas of the curriculum.

Children learn how to self-assess and understand the importance of AfL to progress their learning journey

Children will have developed the knowledge, skills and understanding to help them be a successful in our modern world.

Following a clearly sequenced and progressive program of study based on the National Curriculum objectives, following White Rose scheme of work.

Children are encouraged to use concrete manipulatives to aid concept progression using CPA (concrete, pictorial, abstract) leading to mastery including problem solving and reasoning tasks

Children enjoy maths and show enthusiasm in problem solving.

Children's skills will have progressed to enable them to not only have met the requirements of the National Curriculum but to also have a developed a good number sense where they enjoy exploring numbers and increased their reasoning and problem-solving skills.

Children have a secure knowledge of how to use formal written methods.

Children have strong mental maths skills and rapid recall of timetables and key facts.