

“It does not matter how slowly you go so long as you do not stop.”

Confucius

Intent

At Leavening, Mathematics is creative and exciting! Our aim is to ensure that children have access to a high-quality Maths curriculum that enables them to practice key fluency skills, reasoning and problem solving. When possible, Maths is applied to real life situations and skills are transferred to the wider curriculum. We encourage children to develop a growth mindset approach and instil confidence and resilience in all learners. Mistakes are valued and are celebrated in the classroom.

What Mathematics looks like at Leavening

Implementation

We follow the North Yorkshire Mixed Age Planning, which ensures consistency and progression in knowledge and skills across the school. We also use learning material from White Rose.

We teach lessons so that children:

- Develop their love of maths learning.
- Progressively acquire, use and apply a growing bank of mathematical vocabulary.
- Have the opportunity to develop their confidence and creative skills through learning key facts and problem solving.
- develop reasoning and problem solving through a vibrant curriculum, nurturing confidence through exploring mistakes and different strategies.
- Understand that people solve problems differently and at different paces
- Work in an environment that supports and embeds their learning in maths; including displays that children add their work and ideas to
- Develop skills that contribute to learning across the curriculum.

How we entwine Mathematics with our Leavening school values underpinning our purpose of 'Together We Can'

Care, share and belong

Children will develop a mutual respect for children's approaches to Maths. They will show empathy and compassion towards children who give considered and careful explanations so that children don't feel pressured.

Look and learn beyond the classroom

Children have the opportunity to apply their mathematical knowledge and skills to the wider curriculum. They solve real life Maths problems and know when their skills would be useful to them in everyday situations. Children love taking Maths outside and using natural resources to help them with their learning.

Aim high so everyone can shine

Children are encouraged to aim high and produce work of a high standard, this includes clearly thought out, written and verbal explanations of why an answer is correct or incorrect. We motivate children to 'have a go' and to see mistakes as one step closer to success.

Learn with passion

Children are excited by Maths. They love using practical resources and drawing pictures and diagrams to help them deepen their understanding. There are many ways to solve a problem and children are excited to use their creativity to explore them.

How we know our Mathematics curriculum is successful

Impact

- Children will leave Leavening with the skills to become successful, lifelong learners.
- Children will become independent and confident mathematicians.
- Children will see mistakes as a road to success.
- Children will understand that there are many ways to solve a problem.
- Children will be confident in choosing the strategy that suits them.
- Children will have a love of Maths.
- Children will know that it is okay to take their time with maths