

Maths at Thornton Primary School

Maths Intent:

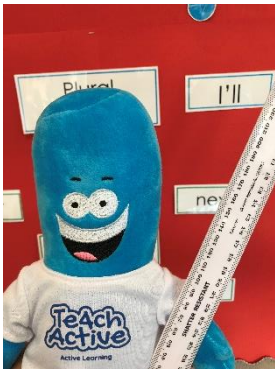
Mathematics teaches children how to make sense of the world around them through developing their ability to use number, calculate, reason and solve problems. It helps children to understand relationships and patterns in both number and space in their everyday lives. Our Mathematics curriculum provides breadth and balance and is relevant and differentiated to suit the needs of all children in our school. It is flexible, motivates all pupils, thus encouraging success at all levels.

Where we are with Maths:

At Thornton Primary School we place great emphasis on ensuring our children spend time developing skills by providing opportunities for children to apply their learning to problem solving activities, including opportunities for children to answer, prove it and explain it.

Teachers have strong subject knowledge and present knowledge clearly. Pupils enjoy learning and they try hard. In mathematics lessons, pupils get time to practise what they have learned and gain confidence. Teachers encourage them to talk about their reasoning (*Ofsted 2023*).

We ensure children have opportunities to develop their fluency in the four operations with a focus on providing regular opportunities for children to complete mental arithmetic challenges.

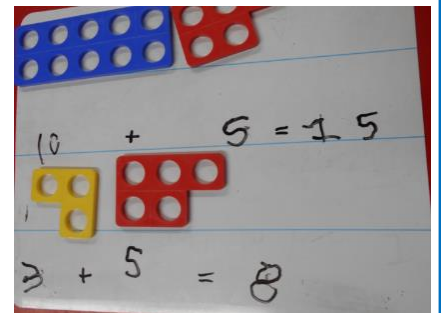


How we are developing Maths:

- Developing the use of our children's Mathematical vocabulary.
- Improving our children's problem solving and reasoning skills.
- Improving the standards of our pupil premium children in all year groups.
- Improving our children's retrieval and arithmetic skills.

Impact of Maths:

- We have promoted the use of structured imagery, including Numicon in EYFS with the Numicon home learning project.
- Supported parents with helping their children through our use of parent calculation policy workshops (allowing for more support with homework and remote learning).
- Supported parents with helping their children through our use of Numicon parent workshops in EYFS (allowing for more support with homework).
- Our Maths remote learning has been well received by parents who find the videos and activities very useful and easy to use.



Measuring the Impact of Maths:

The impact of Maths is measured in terms of the extent to which pupils have developed new knowledge, understanding and skills and that they can use and recall this with fluency.

This will be measured by:

- In school attainment tracking of both core and foundation subjects.
- Engagement in enrichment activities.
- Route to Resilience activities.
- Pupil voice – questionnaires, pupil book and learning reviews.
- Subject Leader monitoring – Lesson visits, scrutiny of books, assessment, pupil interviews and questionnaires.
- Governor monitoring.

Data from Autumn 2023-2024:

- 81% of children are EXS+ in Y1
- 80% of children are EXS+ in Y2
- 80% of children are EXS+ in Y3
- 85% of children are EXS+ in Y4
- 81% of children are EXS+ in Y5
- 93% of children are EXS+ in Y6