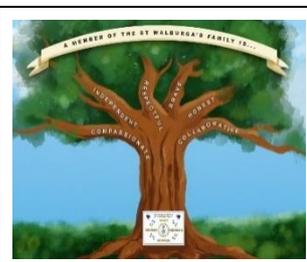




**As St. Walburga's school family we walk in the footsteps of Jesus by ...**

- welcoming all
- learning to be the best we can
- joining together in prayer
- serving God and one another



Maths Intent

'Mathematics reveals its secrets only to those who approach it with pure love, for its own beauty.'

**Archimedes**

'A high-quality mathematics education provides a foundation for understanding the world, the ability to reason mathematically, an appreciation of the beauty and power of mathematics, and a sense of enjoyment and curiosity about the subject.'

**The National Curriculum**

Mathematics introduces children to concepts, skills and thinking strategies that are essential in everyday life and support learning across the curriculum. It is the foundation for understanding the world and has been developed over centuries, providing solutions to some of history's most intriguing problems. We teach mathematics because it helps children make sense of the numbers, patterns, and shapes they see in the world around them and offers ways of handling data in an increasingly digital world. There isn't a day that goes by where we won't use maths in one way or another.

Our aim is for our pupils to develop a love of mathematics and for all children to become resilient and fluent mathematicians, with an ability to reason mathematically and tackle problem-solving confidently. Throughout their time at St Walburga's, from joining us in Reception to leaving us at the end of Year 6, children develop their maths skills in line with the progression set out in the National Curriculum. Throughout the school, children are introduced to new concepts through concrete apparatus, transferring this to a pictorial representation before making the link to the abstract written form. This is further supported in Early Years and Key Stage 1 through the Mastering Number programme. Throughout both key stages, children are regularly provided with opportunities to apply their maths skills in real life contexts and through the use of 'Investigation Stations'.

Embedded in our Catholic ethos is the understanding that each child is a unique and valued individual, and as such requires a personalised approach to teaching and learning. This is evident in the way that we structure our maths curriculum, from long term planning where we revisit and build upon previously learnt skills, all the way through to the individual lesson where the children are supported or challenged based on their personal attainment in the previous lesson. Each week, children are provided with opportunities to master the maths skills they have acquired.

At St Walburga's, we recognise that the times tables underpin so many areas of maths. To ensure that children have a secure knowledge and recall of the multiplication facts up to 12 x 12, they have access to Times Tables Rock Stars where they are set personalised activities.

Our Learning Values are fostered in a variety of ways: children are encouraged to be honest when using marking stations to self-assess; to work collaboratively when problem-solving; to be brave when tackling new challenges; and to draw upon previous knowledge to become independent learners.