



Stanley St. Peter's Primary School

Maths Vision



'Unlock Potential, Celebrate Success'



What does maths look like in our school?

In maths lessons

All maths lessons harbour enjoyment and perseverance by reflecting upon the school values: 'Unlock Potential; Celebrate Success'.

Teachers use their pedagogical subject knowledge; clarity of explanations; and understanding the sequence of knowledge towards the agreed end point of the children's learning to unlock pupils' potential in maths by...

Ensuring all children are able to demonstrate progression within a lesson through appropriate challenge, questioning, feedback and engagement. Teachers make sure children are provided with equal opportunity to access manipulatives and have an understanding of which equipment is appropriate for specific tasks.

They provide next steps, which are clear and suitably set, with an opportunity for children to progress beyond the initial feedback if necessary.

Staff expose children to a positive and supportive atmosphere where mistakes are acted upon quickly and with a desire to improve.

Collaborative learning is in place, allowing all children to develop their reasoning skills and be able to use mathematical language with confidence, accuracy and fluency.

In pupil's books

Each child knows and understands the learning outcome and success criteria for each lesson and is able to explain how they can achieve these.

Progress is evident through marking codes, next steps and challenges, as well as children's responses within an appropriate amount of time. This is evident with 'Purple Polishing' editing.

The 'Same Day Intervention' model is applied to support pupils, to meet their best possible outcome and to ensure that all children have the opportunity to have their individual needs met.

Evidence of long-term memory can be found through recapping, reviewing and applying their learning to multistep problems as well as using their long-standing mathematical knowledge in the wider curriculum.

Through the eyes of a child

Children are engaged in the lessons and understand the value of what they are learning. As a result of this, pupils are not deterred if they do not quickly establish an understanding, instead they are motivated to achieve the learning outcome by the end of the session.

Enjoyment and enthusiasm are expressed when the children are in maths lessons. They have a chance to work independently, with their partner and in small groups to tackle a maths problem/task.

Pupils find the range of mathematical solutions and concepts fascinating and are able to choose their own preferred method.

Children are able to articulate and explain their reasoning, thought-process and strategies with confidence.

What do we hope to achieve for our children?

At Stanley St Peter's our main aim is to 'Unlock Potential and Celebrate Success' and we believe that mathematics is a fundamental skill that will allow us to achieve that aim. We want all children - regardless of their background, ability or circumstances - to leave our school with an inquisitive-nature and an excitement for maths alongside lifelong numeracy skills that can help them be successful in education and their chosen careers.

Not only does the ability to recall numerical instant facts and articulate mathematical thinking through reasoning help children to fully access the curriculum, but it helps children to become independent learners that are full equipped for real life. Children are taught the importance of their learning and how they will need to use it every day, this is why we also look at mathematics across the curriculum not just in standalone lessons.

How will we achieve this?

At Stanley St Peter's we aim to provide the children with as many opportunities as possible to engage with maths throughout their time at school and at home. We provide the children with:

- Access to a mastery approach for all: Power Maths
- Time to access TT Rock Stars to support children with their timetables
- Certificates for achieving a Rock Status on TT Rock Stars
- Weekly maths homework that reflects the learning from the classroom
- Morning work that supports children with their instant recall of facts
- Daily interventions to make sure all children are successful in their learning
- Yearly whole school TT Rock Star competitions
- Maths after-school clubs including boosters for Year 6
- Maths Road Show
- A UK Maths Trust Maths challenge for KS2 pupils
- A maths lesson delivered by a secondary school teacher for year 6