

Stedham Primary School
Maths Policy



Aims

We aim to enrich and empower children's learning by developing:

- A positive attitude towards mathematics and a sense of enjoyment and curiosity about the subject.
- A desire to succeed and aim high in mathematics.
- A fluency in the fundamentals of mathematics, through varied and frequent practice, with increasingly complex problems over time through the use of a concrete, pictorial and abstract approach.
- Ability to reason mathematically by following a line of enquiry, forming relationships and connections and developing an argument, justification or proof using mathematical vocabulary.
- An ability to solve problems by applying their mathematics to a variety of situations and in different contexts with increasing sophistication, including sharing workings and explaining how.
- The resilience to persevere and try again.

Teaching and learning

Through use of the White Rose mathematics ,we aim to ensure that throughout the school, children are given opportunities for:

- Practical activities and maths games.
- Problem solving.
- Individual, group and whole class discussions and activities.
- Carefully structured opportunities for fluency, reasoning and problem-solving.
- Calculating using pencil and paper methods.
- Maths talk – the quality and variety of language that pupils hear and speak are key factors in developing their mathematical vocabulary when presenting an argument, justification or proof. Teachers will ensure that they are excellent role models in use of mathematical language so that pupils build secure foundations in discussion and misconceptions are remedied.
- All staff have high expectations of all children and encourage them to be successful and achieve their full potential.
- Throughout the curriculum, opportunities exist to extend and promote maths. Teachers seek to take advantage of all these opportunities.

Marking guidance

Staff mark books in accordance with the school's assessment policy. Marking will outline clear next steps for further improvement. Children will be given

opportunities to feedback to each other through peer assessment and take an active role in their own progress through assessment for learning.

Resources

Children will have daily independent access to practical, concrete resources to support their thinking throughout the school.

Assessments

Teachers will undertake assessments of the children. These will take different formats depending on the age of the children and can include conversations, photographic evidence or more formalised testing. Children (from year 1) will complete a standardised test once a term to show their progress over time. These assessments will be used to set realistic and challenging targets for the children. Children will be involved in their target setting. See assessment policy for more details.

Homework

Depending on the age of the children, they will be given opportunities to work with their children at home. These activities may only be brief, but are valuable in promoting children's learning of mathematics. See homework policy for more details.

Policy Reviewed: November 2022

Date for review: Autumn 2025