



St Mary's Primary School Maths Curriculum



How we organise and sequence our Maths learning:

Maths												
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value				Number: Addition and Subtraction			Measurement: Length and Perimeter		Number: Multiplication and Division		
Spring	Number: Multiplication and Division			Measurement: Area	Number: Fractions				Number: Decimals			Consolidation
Summer	Number: Decimals		Measurement: Money		Measurement: Time		Statistics	Geometry: Properties of Shape		Geometry: Position and Direction		

Long Term Planning

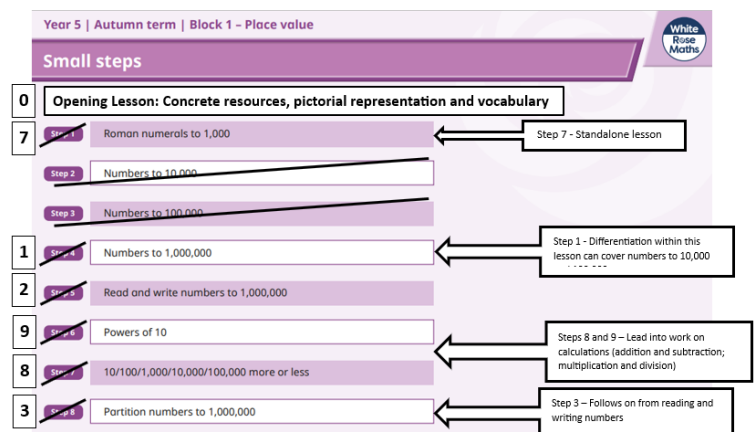
We use the White Rose schemes of learning as a starting point and adapt them to suit the needs of our pupils. We prioritise the units on Number.

Unit Planning

For each unit, we use the Small Steps on White Rose, making changes to the order of lessons as appropriate in order to create a bespoke sequence of learning that fits the needs of our pupils. We make links and connections between

We also make use of the National Centre for Excellence in the Teaching of Mathematics (NCETM) professional development and lesson materials to support our teaching of each of the White Rose units.

The first lesson of each unit takes the form of an introduction to the various types of concrete apparatus available (with a strong message that these resources can be used by all learners), the visual representations which the pupils might meet and the associated vocabulary.



New for 2024/25

A higher priority will be given to reasoning and problem-solving activities so that all pupils are expected to apply their knowledge in other contexts through:

- Beginning every lesson with a reasoning question
- Ensuring all pupils are exposed to Apply It type questions

The whole class input at the beginning of Maths lessons may contain these features:

- Quizzes based on prior knowledge of key facts (e.g. Flashback 4).
- Questions to explore misconceptions from the previous lesson.
- Sentence stems to promote vocabulary.
- An 'I do, we do, you do' approach.
- An activity to assess what pupils already know.
- Reference to the Maths Working Wall.

Flashback 4 Year 6 | Week 1 | Day 1

1) Each cube is 1 cm^3 .
Write down the volume of the shape.

2) $8\text{ kg} = \square$ grams

3) Work out $3,650 - 1,550$

4) A can of soft drink holds 330 ml.
How many cans will fit into a 1 litre jug?

XII

White Rose Maths

Independent Tasks

Pupils work on tasks that provide opportunities for them to enhance both their fluency and reasoning skills. Activities are organised into TAD Tasks: Try It, Apply It and Deepen It. To allow all pupils to experience reasoning questions during Maths sessions, some Apply It questions are also added to Try It activity sheets. Where appropriate, pupils can select their own entry level for a particular session and begin on Apply It activities. Also, some pupils might be allowed to begin their Apply It tasks during the whole class input if they feel that they understand the key ideas being taught in that lesson.

Our classrooms all have a Maths Working Wall that can be written on and these are updated daily with information associated with the following titles:

- Learning Theme
- Today's Learning
- New Learning
- What Do We Already Know That Will Help Us?
- Key Vocabulary
- Marvellous Mistakes

Feedback and Marking

We mark all activities in Maths books and provide regular feedback for pupils, giving them the opportunity to respond with their Purple Pen of Progress. It is essential that pupils address any misconceptions and that they correct mistakes in the spelling of key mathematical vocabulary.



Pupils from across the school are selected as Maths Ambassadors each year. Their job is to help promote enthusiasm for Maths at St Mary's. They help plan and lead whole school Maths events and present the certificates awarded to pupils each week at the Friday Celebration Assembly.

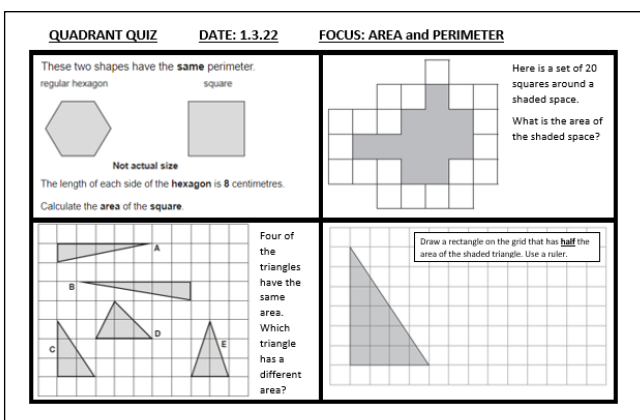
Number Sense Maths takes place daily in EYFS, KS1 and in Year 3 for 15 minutes outside of the Maths lesson. This scheme gives the pupils opportunities to develop strategies to help increase their fluency in learning number facts through subitising, helping them to build images for numbers and to visualise. Our aim is for pupils to develop multiple strategies to avoid counting.



Extra tasks outside of the Maths lesson include daily Number of the Day activities, twice weekly Quadrant Quizzes and time to practise number skills using Numbots and Times Tables Rock Stars.

Daily Times Tables

There is a specific time allocated each day (outside of the Maths lesson) for the focussed teaching and learning of multiplication and division facts which takes place from Year 2 to Year 6.



**Maths
at St
Mary's**