Mathematics is essential to everyday life, crucial to science, technology and engineering and necessary to manage personal finances and gain successful employment. At Wylde Green Primary School we aim to teach children a secure and adaptable understanding of Maths through teaching of fluency (the rapid and accurate recall and application of facts and concepts); confidence in reasoning mathematically; and having the ability to apply Maths to solve problems.

Children have a daily one hour mathematics lesson. They are also provided with the opportunity to further practise key skills: instant recall facts (number bonds, times tables), written arithmetic and reasoning mathematically during the start of day activities and a further weekly half-hour mathematic session.

Children subsequently apply the knowledge and skills they have learnt to other areas of the curriculum. For example they record information in tables, charts and graphs as part of their science work or they order historical facts on to timelines.

Daily mathematics lessons include elements of fluency, reasoning and problem solving. A lesson will typically start with a talk task that encourages children to discuss their mathematical knowledge and reasoning using key vocabulary. Children will then move onto practising the objective being taught through completing varied fluency, reasoning and problem solving tasks. At Wylde Green Primary we follow the White Rose Maths Hub as a scheme of learning which provides opportunities for the children to become fluent in the fundamentals of mathematics, to reason mathematically in a range of situations and to develop skills in problem solving.
A range of practical apparatus (for example numicon, base 10 apparatus, cubes and counters) is used throughout the school to allow children to understand different aspects of number and explore the mathematical concepts taught.

By the time pupils reach Year 6 the mathematics curriculum is divided into nine areas:

- Number and place value
- Number – addition, subtraction, multiplication and division
- Number – fractions, decimals and percentages
- Ratio and proportion
- Algebra
- Measurement
- Geometry – properties of shapes
- Geometry – position and direction
- Statistics

Parents are invited to attend workshops that enable them to support their children’s learning. To see details please follow links in the Curriculum – Maths page of our website.

- Supporting Mathematics Teaching at Home
- Fluency Reasoning and Problem Solving Workshop
- Fractions Workshop

Parents frequently state that they are uncertain how to support their children because ‘they might get confused as we learnt it a different way when we were at school’. The Wylde Green
Primary Calculation Policy document provides clear guidance on how we teach written calculation methods for the four operations. To see details please follow links in the Curriculum – Maths page of our website.

Homework is important in supporting children’s learning at home. It provides the opportunity for children to consolidate the skills learnt within lessons as well as allowing children to share their achievements and progress in Mathematics with their parents.

Homework is set weekly through Mathletics.

https://login.mathletics.com/

Instant recall of multiplication and related division facts are key to children being successful mathematicians. Children can practise their recall of times table facts using Times Table Rockstars.

https://ttrockstars.com/login

Both these sites are also available as downloadable APPs.

Activities to try at home

Read the ‘Maths at Home 15 top tips’ document that provides ideas for parents to help their children with Maths.

https://www.bbcgoodfood.com/recipes/collection/kids-cooking Cooking is a great way to practise measurement skills. How about trying out some recipes from the BBC goodfood site.

https://mathsframe.co.uk/en/resources/category/22/most-popular provides links to the most popular free maths games


https://www.mathsisfun.com/ provides easy to understand definitions of maths concepts and vocabulary. It provides worked examples as well as questions to try.