

## Vision

At Belgrave St Bartholomew's Academy we believe that Mathematics is a tool for life. It is essential to ensuring financial literacy but also pivotal to science and engineering. Mathematics is a creative and highly-connected discipline, used to analyse and communicate information and ideas. Primary mathematics at Belgrave aims to ensure that learners can appreciate the beauty and power of mathematics, and a sense of curiosity about the subject.



# Maths



## Content & Sequencing

### KS1

The principal focus of mathematics teaching in key stage 1 is to ensure that pupils develop confidence and mental fluency with whole numbers, counting and place value. This should involve working with numerals, words and the four operations, including with practical resources.

### KS2

Pupils become increasingly fluent with whole numbers and the four operations, including number facts and the concept of place value. This should ensure that pupils develop efficient written and mental methods and perform calculations accurately with increasingly large whole numbers.

At this stage, pupils should develop their ability to solve a range of problems, including with simple fractions and decimal place value.

## Big Ideas

Mastery maths

Mathematical fluency

Concrete, pictorial and abstract

Variation

## Cross Curricular Links

Geography: Statistics and directional language

Science: Data handling and statistical analysis

Food technology: Measuring ingredients

PE: Points and scoring systems

History: Dates and chronology

Design Technology: Measure and planning

Art: Measure and perspective

## Retrieval Practice

Lessons begin with a recap of prior and relevant learning.

Key concepts, e.g. place value revisited throughout learning.

End of unit assessments provide children with the opportunities to demonstrate what they have learned

## Progress

Learning organised into blocks which are sequenced so that children build upon prior learning.

Key vocabulary introduced at the beginning of every lesson, which is constantly revisited and embedded through chants.

End of unit assessments help teachers check knowledge retention and identify gaps in learning.

Progression maths for all key areas of maths is shared with staff to ensure that they have a knowledge of previous learning and curriculum content.

## Support

Classroom Secrets used to enhance and extend learning.

Children have access to manipulatives to support learning.

Relevant resources provided for children to access and store through their personal iPads.

Staff CPD provided by external agencies and maths lead.

0