



Maths

Maths Curriculum

At Benson Church of England Primary School, we intend for our children to become fluent in the fundamentals of mathematics, reason mathematically and solve problems in a variety of routine and non-routine problems. These skills are embedded within Maths lessons and developed consistently over time. The intent of our mathematics curriculum is to be accessible to all and will maximise the development of every child's ability and academic achievement with the expectation that most pupils will move through it at broadly the same pace. We want all children to know that maths skills are essential to everyday life, critical to science, technology and engineering, and necessary for financial literacy and most forms of employment. We are committed to developing children's curiosity about the subject, as well as an appreciation of the beauty and power of Mathematics.

Scheme Used

We use Version 3 of White Rose maths for teaching from nursery up to Year 6. Reception teachers plan using NCETM Mastering Number Programme for daily maths bursts. In addition to this, White Rose maths is used for geometry. Our teaching is inline with the White Rose Calculation Policy, document available on school website.

Teaching of Maths

We currently have mixed year groups in R/1, 2&3 and 4&5. To support learning of maths, the children in these year groups are taught in the following classes daily for maths:

Reception	Reception	Year 1
Year 1	Year 2	Year 2&3
Year 3	Year 4	Year 4&5
Year 5	Year 6	

We have developed our own curriculum for the mixed year groups, using White Rose Version 3 objectives. Please see the Maths Curriculum Overview on the school website for more information.

Mastering Number

We use the NCETM Mastering number programme in Reception, Year 1, Year 2 and Year 3. This aims to secure firm foundations in the development of good number sense for all children. The aim over time is that children will gain fluency in calculation and a confidence and flexibility with number. Attention is given to key knowledge and understanding needed in Reception classes, and progression through KS1 to support success in the future.

<https://www.ncetm.org.uk/maths-hubs-projects/mastering-number-at-reception-and-ks1>

Support and Adaptations for Children with SEND

Teachers make good use of a wide range of adaptations to support children with SEND. These include:

- Scaffolding
- Modelling
- Manipulatives
- Pre-teaching
- Questioning
- Adult support
- Adapted planning
- Plus One intervention
- Power of Two intervention
- Precision teaching intervention targeting key skills

Times Table Rocks Stars

TTRS is used by children in KS2 to support learning of times tables facts.

<https://ttrackstars.com/>

White Rose APP

We signpost parents to the White Rose APP for children to practise key skills at home.

<https://whiteroseeducation.com/1-minute-maths>

Recording of Work and Assessment

Children's work is recorded in a variety of ways: photos of practical sessions recorded in class photo floor books, written work in maths books as well as worksheets.

Class teachers assess children in a variety of ways: oral questions & answers during lessons, mini plenaries during lessons and monitoring the children as they either carry out tasks set practically or completing in their books. Three times a year the children are assessed more formally using questions from White Rose Maths end of term tests. All of these forms of assessment inform class teachers judgements which are then recorded on the school's INSIGHT platform. Teachers use assessments to make adjustments to their teaching to meet the needs of pupils and it also informs their planning.