



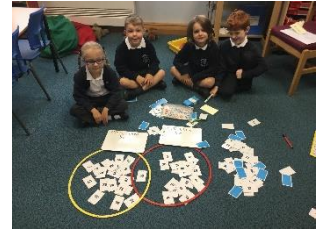
Our Mathematics Curriculum



Our Mathematics Intent

Our vision for the future development of pupils' skills in Maths relies on four principles:

- We will endeavour to ensure that each child achieves the national curriculum objectives for Mathematics and some of these achieve it at greater depth.
- We will aim to embed the skills necessary for higher education and future jobs by noting the links in development regarding Maths, challenging all pupils and revisiting topics frequently. This may include asking older pupils to relate their experiences in going to upper school, having Maths teachers from institutions of higher learning visit or by asking people who use Maths in their daily jobs to speak with the pupils.



- We will pursue the concept of incorporating Maths into everyday life by using real-life problems, using reasonable measurements and data and by using outside links and resources. This will help the pupils to understand that everyone uses Maths for such tasks as doing a household budget, designing a future space craft, landscaping a garden, etc.

- We will strive to develop the pupils' interest in Maths by offering fun and challenging tasks and by linking it to other areas of learning.

Achieve National Curriculum (some in greater depth)

Skills for higher education and future jobs

Daily use in real-life

Make fun and challenging



Our Mathematics Implementation



Maths is taught in hour-long distinct numeracy lessons at least four times a week. In addition, we use Maths in Minutes to recall skills previously taught and to practise those skills (spaced practice and retrieval practice). We expect cross-curricular links in Maths, particularly in regards to measuring in Design/Technology as well as reading graphs and tables in Science (interleaving).

Maths is taught using a range of strategies, which include the use of the concrete, pictorial and abstract; using bar models for two step-problems and using Maths Walls to build independence.

Our Mathematics Intended Impact

We expect our pupils to leave Brighstone Primary School with the Maths skills necessary to achieve success in their next level of learning and with a greater degree of confidence in their ability to analyse and solve problems. We want our pupils to understand how Maths is used outside of the classroom on everyday life and in many careers.

