



Branton Community Primary School and Breamish Valley Community Nursery

Maths – 3 Is



Intention

- To nurture an existing enthusiasm for maths, and instil a sense of enjoyment around using number.
- To be enthusiastic mathematicians and to work hard in order to ensure that children develop an enjoyment and enthusiasm for maths that will stay with them throughout their lives and empower them in future life.
- To unlock mathematical fluency in order to being able to reason and solve problems mathematically.
- To develop a positive culture of deep understanding, confidence and competence in maths that produces strong, secure learning.
- To develop basic mathematical skills and understanding of mathematical concepts.
- To place great emphasis on the use of concrete resources and pictorial representations at all ages, to enable children to fully understand the concepts and principals, when presented with abstract calculations and questions.
- To have a maths curriculum that is progressive; at KS2 it is designed to develop competencies to equip pupils for KS3 where they will build on prior learning, make connections and solve increasingly sophisticated problems.

Implementation

- We plan and implement a bespoke, relevant and engaging curriculum that ensures appropriate coverage using White Rose Maths a starting point along with a range of concrete and pictorial resources.
- We have a robust, progressive curriculum that uses our unique school environment to enrich and enhance learning like using natural resources to count, add, multiple and divide.
- We encourage the use of maths vocabulary by children. Maths displays show key vocabulary for units of work. Reasoning and problem-solving opportunities provide the children with practice using mathematical vocabulary.
- Pre and end of unit tasks are used as a diagnostic tool to ensure that all children are making progress and any misconceptions or gaps are identified.
- We use Times Table Rock Stars to help children from Y1 to Y6 to develop their fluency and rapid recall of times tables.

Impact

- Children understand the relevance and importance of what they are learning in relation to real world concepts.
- Children know that maths is a vital life skill that they will rely on in many areas of their daily life.
- Children are confident to 'have a go' and choose the visual or concrete resource which they prefer to help them solve a problem.
- Children have a good understanding of their strengths and targets for development in maths and what they need to do to improve.