

Intent

Our intent for mathematics is to ensure that all pupils:

- become fluent,
- reason mathematically, and
- solve problems.

At Brindishe Schools we:

- Ensure that all children have access to a high quality mathematics curriculum that is both challenging and enjoyable
- Provide our children with a variety of mathematical opportunities, which will enable them to make connections across different mathematical concepts
- Ensure pupils are confident mathematicians who are not afraid to take risks
- Fully develop independent learners with inquisitive minds who have secure mathematical foundations and an interest in self-improvement.

We have adopted the mastery approach in teaching maths, which has at its centre the belief that all pupils have a potential to succeed. We teach our children how to make sense of the world around them by developing their ability to calculate, reason and solve problems. We want our children to recognise and understand relationships and patterns in numbers in the world around them.

Implementation

Maths in the Early Years consists of taught sessions alongside observations of children's self-directed play. Children learn through play and the hands on opportunities provided in our setting. Our Early Years provision (both indoors and outside) is full of exciting resources for children to explore, sort, compare, count, calculate and describe. We support the children to be creative, critical thinkers, problem solvers and to have a go.

In Key Stage 1 and 2 lessons are planned and sequenced so that new knowledge and skills build on what has been taught before. Teachers follow the NCETM Spines and Maths Hub materials. Planning is informed by National Curriculum Resource Tool: <https://www.ncetm.org.uk/in-the-classroom/national-curriculum-resource-tool/>

In addition, a weekly Times Tables focus is planned to give children the opportunity to practise and improve their rapid recall skills with facts up to 12x12.

The main aim of all the lessons is to develop pupils' knowledge, understanding and skills, applying these in a variety of contexts.

