



Intent

Mathematics is important in everyday life. Children at Hartshorne are taught to; develop an ability to solve problems, to reason, to think logically and to work systematically. Mathematical concepts are introduced using a 'Concrete, Pictorial and Abstract' approach; because our children need to experience hands-on learning when discovering new mathematical topics, they then have clear models and images to aid their understanding. Basic maths skills are practised daily because our children need continual exposure to key mathematical concepts so they are embedded.

Implementation

- Basic Maths skills are focussing on key mathematical skills including place value, the four operations and fractions.
- Children are taught through the use of Power Maths in single year groups.
- A range of reasoning resources are used to challenge all children and give them the opportunity to reason with their understanding.
- Maths interventions are used to support children.
- Lessons use a Concrete, Pictorial and Abstract approach to guide children through their understanding of mathematical processes.
- Where possible, links are made with other subjects across the curriculum

Impact

As a result of our Maths teaching you will see:

- Engaged children who are all challenged.
- Confident children who can all talk about Maths and their learning and the links between Mathematical topics.
- Lessons that use a variety of resources to support learning.
- Different representations of mathematical concepts.
- Learning that is tracked and monitored to ensure all children make good progress.