

## Maths Curriculum Intent Statement

At Queens Road Academy we are committed to ensuring that children are able to recognise the importance of maths in the wider world and that they are also able to use their mathematical skills and knowledge confidently in their lives in a range of different contexts. We would like all children to enjoy mathematics and to experience success in the subject including the ability to reason mathematically. We also aim to develop the children's curiosity about the subject giving them plenty of opportunities to investigate and solve problems in various ways.

The national curriculum for mathematics aims to ensure that all pupils:

- 
- become **fluent** in the fundamentals of mathematics, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.
- **reason mathematically** by explaining mathematical ideas and thinking, also supported by the use of stem sentences.
- can **solve problems** by applying their mathematical knowledge to a variety of problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

### Calculation Policy

The calculation policy is developed with St Mary's Academy Trust to demonstrate methods that the children will use for the different age groups. It begins by using apparatus and picture based methods before using formal written methods. The calculation policy ensures that maths is taught in a consistent way throughout school so that the children can build on their prior learning. To be able to solve problems the children will need to be confident in the methods that they use.