

## Mathematics Intent

Mathematics is a fascinating subject which has its own connected place in the curriculum at Rosa Street Primary School. It provides pupils with powerful ways to describe, analyse and change the world. Pupils develop a thirst for problem solving who seek to investigate challenges further. They become competent, confident and resilient learners who use arithmetic methods fluently and communicate their reasoning to explain problems further. Pupils make links between different areas of mathematics and develop a deep, conceptual understanding as a result.

Mathematics is the means of looking at the patterns that make up our world and the intricate ways in which they are constructed and realised. The language of mathematics is international and the use of representations allows all pupils to be able to access all aspects of the curriculum. The subject transcends cultural boundaries and its importance is universally recognised. Mathematics helps us to understand and change the world.

Mathematics makes a significant contribution to modern society:

- the basic skills of mathematics are vital for the life opportunities of our children;
- mathematics develops the mind and those highly valued cognitive skills.

Pupils at Rosa Street Primary School study mathematics to become enthusiastic, functioning adults who are able to think mathematically; enabling them to independently reason, persistently solve problems and assess risk in a range of contexts.