

MATHEMATICS

Mathematics is an important life skill which encourages thinking and reasoning to enable children to investigate and solve problems. We aim to promote positive attitudes to mathematics and have adopted the National Numeracy Strategy to support us in our work.

Numerate primary children should be confident and competent in solving problems. They should have a sense of the size of a number and where it fits into the number system. We encourage children to know by heart number facts such as number bonds, multiplication tables, division facts, doubles and halves, and to use this knowledge to figure out answers mentally. We want children to develop a range of calculation strategies to calculate accurately and efficiently both mentally and on paper. We encourage children to recognise when it is appropriate to use a calculator and to use it effectively, also to explain how they resolved a problem using correct mathematical terms and to feel confident in using units of measure and gathering information from graphs etc. It is our intention to create confident children able to use their mathematical skills now and in later life.

SCIENCE

The study of Science provides children with the skills, attitudes and knowledge to help them make sense of the world around them. We encourage children to think of themselves as scientists who predict, question, investigate, observe, record and draw conclusions. We aim to develop scientific language and safe practice. Most importantly we want our children to be enthusiastic about finding out the answers to their questions.

DESIGN AND TECHNOLOGY

This subject allows children to work with a variety of materials. Investigational and problem solving skills are developed through the designing, making and testing of ideas. As children progress they develop the ability to improve their own designs and to evaluate their work.

Teachers use other areas of the curriculum to provide a context for the children's work in Technology.