

Dorset Primary School 5132

MATHS POLICY

PURPOSE

A sound basis in Mathematics is essential for the development of skills needed in everyday life. Mathematics contains concepts, procedures and processes in Number and Algebra, Measurement and Geometry, Statistics and Probability.

BROAD AIMS

1. To have students work through a structured Mathematics program so that they will develop and maintain life skills in Mathematics.
2. To show Mathematics as an integral part of everyday life.
3. Using real life contexts, students will gain a clear understanding of the fundamental concepts of Mathematics.
4. To build on the child's innate curiosity about numbers and logic.
5. To integrate Information Communication Technology into the Mathematics Program.
6. To use knowledge gained through the teaching of essential concepts of Mathematics and being able to apply these to problem solving.

GUIDELINES

- Essential mathematical processes will be explored through a variety of learning situations and teaching methods.
- Concrete materials are to be used to develop and reinforce understanding of concepts and operations.
- Individual needs will be catered for through a differentiated curriculum.
- Children will develop speed and accuracy in computational skills.
- Understanding of Mathematics will be extended through an integrated curriculum.
- Technology will be used as an integral component in a wide range of Mathematical situations. eg Mathletics
- Children will be taught to use mathematical tools to check computation, solve problems, develop strategies and share their findings.
- Automatic Response across all Domains of Mathematics will be an integral part of the program.
- The program will be based on current DEECD policy.
- Parents shall be encouraged to participate in a variety of mathematical activities.