

Mathematical Policy Statement

1. We believe that the teaching of Maths is important for 5 inter-related reasons:
 - a) Mathematics is necessary for life
 - b) It facilitates concept and skills development in other areas of the NI Curriculum
 - c) It is an interesting subject in its own right
 - d) It is enjoyable in its own right
 - e) To prepare our pupils for future participation in their secondary level education.
2. We aim to develop independent, curious, flexible and persistent learners who are open to new experiences.
3. Our aim is to maximise pupils' progression through careful, co-ordinated planning; stimulating, challenging work and exciting activities which will create a sense of enjoyment and personal achievement among the pupils.

How Do We Achieve This?

Teaching Strategies:

1. Mathematics tasks must be matched to the child's ability and be sufficiently challenging to encourage progression.
2. The progress of pupils will be monitored regularly. Children under-achieving significantly in Mathematics will receive additional support.
3. Strategies for teaching Maths includes:
 - demonstration by the teacher
 - observation
 - discussion between teachers and between pupils themselves
 - practical work
 - consolidation and practice of fundamental skills and routines
 - problem solving, including the application of Mathematics to everyday situations

- investigational work
- 4. In line with the school homework policy pupils will be required to complete a Maths homework in order to consolidate and extend work covered in school.
- 5. Pupils will be exposed to various methods of calculation which includes mental, pencil and paper as well as calculators.

ICT

1. Pupils will have the opportunity to use programmable devices like Roamer, Beebot and Logo.
2. In consultation with the ICT co-ordinator we will purchase new computer software to consolidate pupils' learning. ICT is an integral part of our Mathematical Policy.
3. Through the use of Interactive White Boards, internet sites and computer software we will provide children with a range of experiences to extend their mathematical knowledge and experiences.

Monitoring the Progress of Mathematics

School Tests:

1. All P3–7 children complete standardised tests in May of each year and the results used to determine special needs provision, assess progress and to find out areas of strength and weakness in the Curriculum.
2. All P3-6 children will complete January and May tests compiled by the Maths Co-ordinator. The results will be placed on a computer spreadsheet (Excel) and analysed to inform future planning.
3. The results of all tests will be analysed and used to provide guidance in the setting of targets for Mathematics.