

Lealholm Primary School

Mathematics Policy

Rationale

Mathematics is a body of knowledge which provides a way of viewing and making sense of the world. Mathematics is widely used in society, both in everyday situations and in the world of work. It is used to represent or communicate ideas, to predict, to explain and to verify. At Lealholm School we aim to make mathematics interesting, enjoyable and to provide an intellectual challenge.

At Lealholm School we aim to:

- Raise standards in mathematics using the National Numeracy Strategy
- Develop skills which enable children to use and apply numbers, measures and knowledge of shape and space with competence and confidence in a range of contexts
- Develop children's skills in mental calculation by ensuring they have a repertoire of strategies to draw upon
- Provide equal opportunity for all children to access the curriculum

Techniques and strategies to achieve these aims

- Teach the daily mathematics lesson with clear learning objectives shared with the children
- Use a range of teaching styles to incorporate
 - direct teaching
 - whole class oral/mental sessions
 - group/paired work
 - individual work
- Use the mixed age grids and the Framework of objectives to aid planning supported by the Abacus Mathematics Scheme.
- Use a range of informal and formal assessments to measure progress and inform future planning
- Use activities that encourage children to enjoy mathematics and see its relevance in real life
- Develop skills and knowledge to help children solve problems, see patterns, make predictions, present information clearly and interpret data
- Inform parents of children's progress through parent consultation evenings and the School's Annual Report.
- Ensure parents are kept informed of the school's mathematical strategies for mental and written calculations.