



Maths Statement

Intent

At Our Lady Star of the Sea Primary School the teaching of maths is geared towards enabling each child to develop their learning and achieve their full potential. We endeavour to not only develop the mathematics skills and understanding required for later life, but also to foster an enthusiasm and fascination about maths itself. We aim to increase pupil confidence in maths so they are able to express themselves and their ideas using the language of maths with assurance. We want the children to see mathematics as being relevant to their world and applicable to everyday life as well as being something that they will need as they move on through their school life and ultimately to the world of employment.

As children become fluent in the language of mathematics and become increasingly able to reason and explain their thinking mathematically they become increasingly able to solve problems in a range of contexts, noting connections between areas of maths and proving their answers by using a wide range of mathematical thinking.

Our aim is to ensure that all children:

- Become FLUENT
- REASON and EXPLAIN mathematically
- Can SOLVE PROBLEMS

Implementation

We use a variety of curriculum resources, including the National Curriculum Programs of Study, White Rose Maths Hub schemes of work, Nrich and NCETM (National Centre for Excellence in the Teaching of Mathematics) resources and Classroom Secrets. These are underpinned with a clear long term plan which ensure continuity and progression in the teaching of mathematics.

Our Calculation Policy details methods used to teach calculation and progression in addition, subtraction, multiplication and division, offering staff practical methods and examples for each method.

The curriculum is delivered by class teachers. Children are taught in class groups from Foundation Stage to Year 6. In all classes children are taught in a variety of groupings (whole class, groups, pairs, one to one) relevant to the task in hand and work is differentiated in order to make it accessible and challenging. Where appropriate groups/individual children are supported by Learning Support Assistants.

The school is using a mastery approach to teaching which has been customised to meet the needs of our children. Staff are kept up to date on current thinking, new teaching methodologies and ideas by the subject leader through staff meetings and Inset. CPD will be available where possible for staff who need to improve their understanding of the requirements of the new national curriculum, new methodologies and assessment/testing arrangements.