



MATHEMATICS AT CROFTON HAMMOND INFANT SCHOOL

VISION

We believe that mathematical skills are an essential skill for life. We aim to develop children's confidence and enjoyment when working with number, so that they can apply their knowledge to real life situations.

Children come to school with diverse mathematical knowledge and require varied, practical experiences at an appropriate level, in order to become fluent mathematicians.

We believe that children talking about their work, sharing ideas, explaining their mathematical understanding and showing their thinking are fundamental to the development of mathematical reasoners and problem-solvers.

AIMS

The aims of the mathematics curriculum at our school are that:

- We value and build on children's previous experiences and vocabulary.
- We provide practical, engaging activities appropriate to the needs of the children which will foster positive attitudes towards maths.
- Mathematics will be taught across the whole of the curriculum.
- Regular discussions take place which provide opportunities to use correct mathematical vocabulary.
- Children are encouraged to make their own decisions about how to solve problems and to select their preferred strategy.
- Children's individual needs are met through Assessment for Learning and children are encouraged to use self-assessment to reflect on their own learning. Adults provide verbal feedback during the lesson to ensure children are aware of how to move their learning on.

DELIVERY

- The National Curriculum forms the basis of our planning in KS1 and the Early Years Foundation Stage curriculum is followed in year R.
- Weekly planning objectives are taken from the curriculum and will be adapted on a daily basis related to AfL.
- Activities, games, resources, Interactive White Board and other ICT resources are used to support the objectives and are recorded on the weekly planning. Differentiation is either by activity, resource or strategy applied.
- A consistent approach to the use of correct mathematical vocabulary is used throughout the school.

Year R each math session begins with a mental and oral starter followed by practical play-based activities which children access across the week. The same activities then form part of the enhanced provision throughout the following week so children can access them independently. In years 1 & 2 mathematics is taught in four or five weekly maths sessions. These sessions incorporate a mental and oral element, focussed teaching time and practical activities. There are also daily 'Mathletics' sessions where mental maths skills are developed and a regular 'Maths Surgery' is held to provide additional support to plug any gaps that individual children may have.