



The curriculum at Harmans Water is delivered in a variety of ways, through class teaching, group work and to the individual, as required. Some of the work is cross-curricular and linked to thematic work.

The National Curriculum forms the framework upon which our Curriculum is built. We aim to provide a wide range of experiences, which are relevant and enjoyable, so that children's abilities, imagination, and flair can be developed and stimulated. We must give our children the skills they will need to live their adult life to its fullest.

The children's achievements through the Curriculum are carefully monitored and recorded. The importance of equal opportunities for all children is considered in the planning and delivery of the Curriculum.

The three core subjects of the National Curriculum are English, Maths and Science.

## **ENGLISH**

Children enter school with different language experiences and this must be taken into account.

The development of speaking and listening skills are encouraged by allowing the children to talk about their experiences with others in a variety of ways such as sharing their news with the class or discussing their observations with a small group of children.

Children's writing skills are developed by extending their vocabulary and improving their hand control skills. We teach children to form letters correctly and to write with a joined hand. We lead them to write for a variety of purposes and for different audiences. We encourage our children to make their own marks and we will scribe under their attempts. All children are encouraged to see themselves as independent writers.

Alongside all this we foster the love and enjoyment of reading, encouraging each child to become a fluent confident reader for life. Our approach is systematic and structured but flexible enough to meet the needs of the individual child.

## **MATHEMATICS**

Mathematics is taught throughout the school as a separate subject although there are times when skills are used in other subjects such as Science and Design Technology. In Key Stage One there is more emphasis on basic number concepts and skills. Other areas such as shape, measurement and data handling are also covered in this area. Children use practical approaches to help them gain new concepts alongside the opportunity to practice and reinforce methods.

Skills gained in Key Stage One are reinforced and extended as the children cover topics in the following areas: shape, measurement, probability and data handling as well as continuing to develop number skills.

Throughout the school the children are also given the opportunity to use and apply the skills they have learnt in problem solving situations to real life maths activities, which gives them an understanding of why the skills are useful.

## **SCIENCE**

At Harmans Water Primary School Science is taught as a separate subject. We aim to create an interest and enthusiasm for this subject within a safe environment, enabling our pupils to acquire scientific skills and knowledge of a range of scientific concepts.

*continued...*



## **SCIENCE** (cont.)

We provide a relevant and differentiated curriculum in which all pupils are offered a wide range of learning experiences. Our pupils are encouraged to develop their scientific abilities in stimulating situations. Harmans Water offers continuity and progression in the Science curriculum throughout the two Key Stages. It is expected that the scientific skills and understanding developed in our pupils' primary education will give them a firm basis for their continued scientific development in secondary school.

Our pupils are encouraged to take part in extra-curricular scientific activities.

We actively use the school grounds and localities nearby to carry out environmental studies. Through our teaching of science we aim to create an understanding of the world in which we live and to develop a sense of responsibility towards maintaining and protecting it.

## **ART AND CRAFT**

At Harmans Water Primary we encourage the children to see art as an integral and essential part of life. Through a range of topics and individual work, they should develop their visual literacy and become imaginative, analytical and critical thinkers. We aim to enrich their understanding and knowledge of art and craft, including the history of art, our artistic heritage and the artistic traditions of other cultures. The children are given opportunities to compare their own work to that of others including artists, designers and craft workers and are given a wide variety of experiences to develop their skills of investigating and making in art and craft.

## **INFORMATION TECHNOLOGY**

I.T. is taught throughout the whole school by integrating it within the curriculum and we are currently building upon the software resources needed to achieve this. There is also time allocated to teaching I.T. skills such as keyboard skills, saving work, importing pictures, cutting and pasting etc. The school has 2 computer rooms equipped with workstations, printer, scanner and full Internet access. All children work in the IT suite for at least one session a week from reception.

## **HISTORY**

We aim to present the History National Curriculum in an interesting and stimulating way in order to arouse, develop and sustain children's interest in the past and their ability to question and communicate. Children will be given a rich experience through which they can become actively and imaginatively involved with the past. They will have access to a wide range of historical sources, representations and activities. In this way, we hope children will be helped to develop an understanding of the present in the context of the past, a sense of their own identity and an insight into the world around them.

## **GEOGRAPHY**

Geography explores the relationship between the earth and its people. Geographical study stimulates the child's interest in his surroundings and in the variety of physical and human conditions on the earth's surface. Through this we will enhance the children's sense of responsibility for the care of the earth and its people. The children will study the local area, a rural area as a contrast and carry out a thematic study to understand the quality of the environment. They will also work on a whole school project focusing on a specific continent each year.