Handford Hall Primary School – **Computing**

Intent

The computing curriculum at Handford Hall Primary School is designed to progressively develop children's skills in computing. This takes place through combining both cross-curricular and discretely taught lessons. We aim to develop children's computational thinking skills, knowledge of computer science concepts and application of digital literacy skills. Our children use information technology to create digital content that enables them to express themselves and develop their ideas as active participants in a digital world.

Underpinning our approach is a commitment to the teaching of how to use technology safely and respectfully. Learning and teaching within the computing curriculum empowers children to become digitally confident in their daily lives, which helps to prepare them to become independent users of technology beyond the classroom.

Implementation

Teachers at our school have good computing subject knowledge that enables them to plan engaging learning experiences that develop digital understanding and reasoning.

We have designed a computing curriculum that creates opportunities for skills to be applied across a wider range of subjects, giving pupils ample opportunities to practise and refine their skills. We use the 'Switched on' scheme of work to support the computing curriculum we deliver. This ensures that there is a progression of knowledge and skills that the children can build on each year within the computer science aspects of the curriculum.

Impact

Handford Hall teachers' high expectations, enthusiasm and passion about computing inspires and motivates pupil. As a result, pupils demonstrate excellent understanding of important concepts in all three strands of the computing curriculum and are able to make connections within the subject. They have highly developed transferable knowledge, skills and understanding. Teaching and learning empowers pupil to be content creators, not just content consumers. Pupils across the school show high levels of originality, imagination, creativity and innovation in their understanding and application of skills in computing.

Enrichment

Children at our school are given enriching opportunities as part of the wider computing curriculum. Our additional provision includes for example a coding workshops run by the local BT firm where children with interests in computer science are able to further pursue their passions with code and robotics. We also run Most Able pupils' sessions across our trust. Relationships with local companies allow us to invite specialists in to meet with children and inspire them to consider a career in computing.