



Rose Hill Primary School Computing Policy September 2021

Intent

At Rose Hill we believe that the teaching of Computing helps and prepares children to access the rapidly developing world with increasing technology. Through 4 main strands of Code, Collect, Communicate and Connect the children develop a deep understanding of these areas.

The Computing curriculum at Rose Hill steadily progresses and enhances their skills of Computing. We recognise that technology can allow pupils to share their learning in creative ways. We also understand the accessibility opportunities technology can provide for our pupils. Our knowledge rich curriculum has to be balanced with the opportunity for pupils to apply their knowledge creatively which will in turn help our pupils become skilful computer scientists. We want our pupils to be fluent with a range of tools to best express their understanding and we hope by Upper Key Stage 2, children have the independence and confidence to choose the best tool to fulfil the tasks and challenges.

Implementation

The computing curriculum at Rose Hill Primary School is based upon the 2014 Primary National Curriculum in England, which provides a broad framework and outlines the knowledge and skills taught in each Key Stage.

At Rose Hill, Computing is taught in blocks across a 2 one-year cycles. The children complete 3 units of Computing a year. Enquiry is lead through learning questions with a topic specific knowledge organiser and vocabulary to support learning. These are informed by a Computing progression of skills taught across each Key Stage.

The Computing lead is responsible for the sequence of learning, coverage of National Curriculum objectives and providing a deep and balanced curriculum for Computing. Children will be exposed to unit specific tier 3 vocabulary which is progressive from EYFS to Upper Key Stage 2. The children will also learn 30 tier 2 Computing specific terms as part of their Computing learning.

Impact

Outcomes in evidence folders will demonstrate the objectives taught through our Computing curriculum. The children will have the opportunity to apply their skills in a range of coding, communicating, collecting and connecting units of work. Pupils will have the chance to share their deeper knowledge and understanding through an end of unit two page spread, presentations and videos etc. As children progress through the school they will develop a deep knowledge, understanding and they will be ready to leave Rose Hill with the skills and safety needed when computing.