



Intent:

At Stanhope Primary School we believe children should have equality of access to rich and varied life experiences, this includes Computing, as part of the National Curriculum (2014). With technology playing such a significant role in society today, computational thinking is a skill children must be taught if they are to be able to be active, effective and safe participants of the digital world. At Stanhope, children are introduced to a wide range of technology including iPads, laptops and interactive whiteboards to ensure they can become digitally literate in the modern age.

Our curriculum enables children to become effective users of technology who can:

- Understand and apply the essential principles and concepts of Computer Science including logic, algorithms and data representation.
- Analyse problems and have practical experience of writing programs to solve such problems
- Evaluate and apply information technology analytically to solve problems
- Communicate ideas well by utilising technology and devices throughout all areas of the curriculum
- Develop creativity that can be applied to real-world situations through its links with maths, science and DT.
- Understand how to stay safe online, both in school and at home.