



Computing Intent, Implementation & Impact Statement

The National Curriculum for computing aims to ensure that all children:

- Can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation
- Can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems
- Can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems
- Are responsible, competent, confident and creative users of information and communication technology.

Intent: In line with our values at Hollinhey, our computing curriculum allows children to express their creativity and individuality. It is also designed to enhance other areas of the curriculum; allow children to respond to new developments in technology; use technology safely and equip pupils with the confidence and capability to use ICT and computing throughout their later life.

Honesty – **Evaluating our own computing skills in order to progress.**

Effort – **Ensuring all children try their best in the key skills of computing.**

Achievement – **Gaining a sense of success and achievement by learning and developing new computing skills.**

Respect – **Being respectful to the equipment and to others when they are online.**

Tolerance – **Accepting that technology is ever changing and adapting.**

Implementation: We provide enriching opportunities throughout the school embedded across the curriculum to develop their skills and knowledge across the three areas (information technology, digital literacy and computer science) of the computing curriculum. At Hollinhey, we currently follow the Purple Mash curriculum which provides our teachers with step-by-step plans to deliver engaging computing lessons from ages 5-11. This scheme provides clear assessment and progression steps for staff to provide fun and exciting computing lessons

Impact: The integral nature of computing enables children at Hollinhey to gain new levels of achievement, self-confidence and self-reflection. Computing at Hollinhey also enables our pupils to prepare themselves for the outside world and allows them to see that technology is forever changing and advancing. It teaches them new skills that can be used in other subjects across the curriculum. It also teaches children how they should behave online and processes they should follow if anything unwanted happens. They have an understanding of how to further develop skills should they ever develop an interest and other stages in their lives.