Computing Curriculum

Intent

At Crowmarsh School, it is our intent to prepare children for a rapidly changing future where technology is an integral part of daily life. We want children to be curious about technology, and we recognise that Computing education develops computational thinking and an ability to understand the digital world.

Computing allows our children to progressively develop skills in Computer science so that they can think logically and solve problems. Through digital literacy children learn to explore, communicate and present information on a range of applications.

E-safety is key to our Computing curriculum. Our approach ensures that we teach our children to behave responsibly and keep themselves safe online.

We want our children leave Crowmarsh School with the Computing skills and knowledge needed for the next stage of their education and as responsible participants in a digital world.

Implementation

- We use the Kapow scheme of work which covers the three core areas of Computing: Computer Science, Information Technology and Digital Literacy
- The curriculum ensures a progression of skills and builds on previous learning
- Unit of works are taught over a small term with E-safety covered throughout the year
- We make real life and topic links wherever possible
- Whilst Computing is taught as a discrete subject we also incorporate the use of technology across all areas of the curriculum where children are encouraged to transfer skills
- Children have access to the hardware and software that they need to develop skills in digital systems and applications
- Children complete most Computing work on laptops, class iPads are also available for use
- Children are challenged and supported in Computing lesson
- Children are taught and use technical vocabulary
- Our Acceptable Use Policy ensures all IT equipment is treated with respect
- Parents are kept up to date with relevant E-safety information
- The school participates in the annual 'Safer Internet Day'

Impact

When children leave Crowmarsh School they are creative, confident and responsible users of technology who have the skills needed to navigate a digital future.

Children will talk enthusiastically about Computing, they are curious about technology and can express themselves safely.