



Computing at Archbishop Cranmer C of E Primary Academy

Values and Drivers

At Archbishop Cranmer we believe in preparing our pupils for their future lives in an increasingly technologically driven society, in which an ability to take advantage of the benefits of information technology while navigating its pitfalls will be essential to their education, prospects and security. As pupils progress through school they will explore and develop skills with a range of common programs and the purposes to which IT can be employed. Most importantly, we aim to teach children to evaluate the content of, and their interaction with, the digital world in order to promote their on-line safety and well-being.

Timetabling

Laptops/ Chromebooks/tablets are allocated on a weekly timetable for each class. Some activities especially in e-safety can be carried out without technology and other times. Chromebooks are available as staff embed computing across the whole curriculum to make learning creative and accessible.

Curriculum Content and Sequencing

At Archbishop Cranmer, we want to model and educate our pupils on how to use technology positively, responsibly and safely. We want our pupils to be creators not consumers and our broad curriculum encompassing computer science, information technology, online safety and digital literacy. We use a Scheme of Work called iLearn2 which includes activity packs with step-by-step, easy to follow video tutorials and challenges for both teachers and pupils to access. eSafety is taught progressively from EYFS to Year 6 using iLearn2 and Be Internet Legends, ensuring pupils build a strong understanding of how to stay safe, respectful, and responsible online through age-appropriate, sequenced content.

Support and Training

Opportunities for shared planning and teaching across school. Infra-structure and equipment: class sets of Chromebooks and tablets available to ensure reliable, rapid and high-quality access to curriculum resources and programs: a class iPad available in every room; a set of Windows laptops available for children's use and a separate set of staff laptops. Technical support for staff available remotely and face to face from an external provider. Online tutorials and teacher guides for each unit of work.

Cross Curricular Links inc. SMSC

It is expected that opportunities to use IT will enhance all areas of the curriculum aiding research and presentation of work. In turn, work in other areas of the curriculum will provide meaningful opportunities to employ skills gained in computing lessons. Similarly, work focusing on e-safety should complement other PSHE activities and concepts.

Progress and Assessment

It is proposed that each child has a unique email address and is able to store their work to the Cloud. Teachers will be able to access all children's work as it is produced and once it is saved to the Cloud.

Progress and attainment of our computing curriculum is demonstrated through outcomes and the record of coverage in the process of achieving these outcomes as well as a spreadsheet including the learning outcomes for the children with secure understanding and those working at greater depth enables teachers to keep records of formative assessments for each child or the unit has a skill catcher and knowledge assessment quiz which can be used at the end of the unit to provide a summative assessment.

