



COMPUTING CURRICULUM

STATEMENT OF INTENT, IMPLEMENTATION AND IMPACT

INTENT

The aim of our Computing curriculum at St. Chad's C.E. Primary school is to provide the children with a modern, creative computing curriculum which equips them to participate in a rapidly changing world in the 21st century where daily life is transformed by technology. We want our children to find, explore, analyse and present information in a safe, responsible and respectful manner where e-safety is a priority. The three aspects of our computing curriculum; Computer science, Information Technology and digital literacy will enable our children to become confident, creative and independent learners. It is our intention that children have every opportunity available to allow them to achieve this. By the time our children leave St Chad's we want them all to be digitally literate. At the forefront of our curriculum is E-safety. The ever changing world of technology can expose children to more risks. E-safety is a vital part of our curriculum and every lesson will be underpinned by E-safety - ensuring each child has an understanding of procedures they can follow to be as safe as possible when using technology.

IMPLEMENTATION

At St. Chad's we implement a computing curriculum which builds upon prior skills and knowledge year on year. All children are thoroughly taught E-safety at the beginning of each academic year and this is recapped at the start of each term with E-safety then being a part of every computing lesson. E-safety is also covered as part of Character Education and through assemblies. Computing is taught weekly for every year group in the school and is linked where possible to our topics. For example, when Y3 complete rocks and soils in science, they will use this knowledge to create branching databases. Research word processing and presenting lessons are all linked to topics studied too. Assessment of their computing knowledge and skills is formed by conducting pupil interviews, observing children at work, giving children independent tasks and by looking at children's work saved on the computer. This assessment then forms planning to ensure that any gaps are plugged so that they can become confident, creative and independent learners.

IMPACT

By the end of their primary education at St. Chad's, our children are able to communicate what is meant by E-safety and how they ensure that they are safe when using technology both at home and in school. Their skills and knowledge will have developed progressively as they move through the school to enable them to meet the National Curriculum requirements and be ready for the ever changing World of the 21st century. At St. Chad's, you will see proficient users of technology who are able to work both independently and collaboratively with both computing hardware and software to enhance the learning outcomes. Our children will leave St. Chad's with the confidence to have a go, make mistakes but learn from them and to become independent learners.