



Computing at Holy Rosary Catholic Academy

“Those who can imagine anything, can create the impossible.”
— Alan Turing

Computing Lead:



Mr M Darling

Curriculum Intent

It is our intention to enable children to find, explore, analyse, exchange and present information using the technology available at the present time, and to prepare their general computing skills to help them adapt to a constantly changing technological world. We want children to know more, remember more and understand more in computing so that they leave primary school computer literate. Computing skills are a major factor in enabling children to be confident, creative and independent learners and it is our intention that children have every opportunity available to allow them to achieve this. We intend to deliver a computing curriculum that prepares pupils to live safely in an increasingly digital

British society where pupils can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems.

Curriculum Implementation

Computing lessons are taught using the Purple Mash programme of study. This is a clear and effective, cross curricular scheme of work that provides coverage in line with the National Curriculum. Teaching and learning should facilitate progression across all key stages within the strands of digital literacy, information technology and computer science. The resources in the Purple Mash suite allow for teachers to teach all aspects of the National Curriculum withing the same resource.

Children have access to the hardware (laptops, iPads, programmable equipment) and software that they need to develop knowledge and skills of digital systems and their applications

Teaching and learning facilitate progression across all key stages within the strands of digital literacy, information technology and computer science. Children will have the opportunity to explore and respond to key issues such as digital communication, cyberbullying, online safety, security, plagiarism and social media.

Online safety is promoted at the start of each school year, and is referred to constantly. Issues around social media and appropriate use of computing resources including telephones is taught explicitly and may be taught separately if a specific incident requires this. Parents are informed when issues relating to online safety arise and further information/support is provided if required.

Curriculum Impact

Children will be confident users of technology, able to use it to accomplish a wide variety of goals, both at home and in school. Children will have a secure and comprehensive knowledge of the implications of technology and digital systems. This is important in a society where technologies and trends are rapidly evolving. The majority of children will achieve age related expectations in Computing and will be confident to apply their skills to support their work in other curriculum areas.