Purbrook Junior School
Computing

Intent, Implementation and Impact

Intent:

At Purbrook Junior School it is our intention to enable children to find, explore, analyse, exchange and present information and leave the 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. The delivery of our computing curriculum will develop pupil's learning and enable them to acquire a knowledge of the world around them and be able to apply the fundamental principles and concepts of computer science; including logic, algorithms and data representation. Our computing curriculum will prepare pupils to live safely in an increasingly digital British society where they will be able to evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems.

Implementation:

Our computing curriculum provides coverage in line with the National Curriculum.
Teaching and learning will show progression across the key stage within the strands of digital literacy, information technology and computer science. Wider curriculum links and the opportunities for safe use of digital systems are interwoven into the planning. Children will have access to resources which aid in the acquisition of sills and knowledge (laptops and iPadsO) and software (including the G Suite for Education) that they need to develop knowledge and skills of digital systems and their application. 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 shown through displays within the learning environment and constant reminders in lessons. Parents are informed when issues relating to online safety arise and further information/support is provided if required.

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. They will have a secure and comprehensive knowledge of the implications of technology and digital systems; this is increasingly important in a society where technologies and trends are rapidly evolving.