Small School. Big Hearts. Big Ambitions

Computing Statements

I pray that your love for each other will overflow more and more, and that you will keep on growing in knowledge and understanding. *Philippians 1:9*

Why we teach Computing

Learning how to keep safe on line is paramount in this day and age so consequently underpins out Computing curriculum. We wish for our children to become responsible, competent, confident and creative users of information technology to accomplish a wide variety of goals, both at home and in school. The content allows for a broad, deep understanding of computing and how it links to real life. It offers a range of opportunities for consolidation, challenge and variety. This allows children to apply the fundamental principles and concepts of computing. They develop analytical problem-solving skills and learn to evaluate and apply information technology. Children will have a variety or experiences to gain knowledge of the implications of technology and digital systems. This is important in a society where technologies and trends are rapidly evolving.

How we teach Computing

At Dry Drayton C of E Primary School we offer a structured sequence of lessons to ensure that we cover the skills required to meet the aims of the National Curriculum.

- The importance of online safety is shown through posters within the learning environment.
- Teaching and learning should 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.
- A clear and effective, cross curricular scheme of work that provides coverage in line with the National Curriculum. Teaching and learning will facilitate progression across all key stages within the strands of digital literacy, information technology and computer science.
- Children will have access to the hardware (computers, tablets, programmable equipment) and software that they need to develop knowledge and skills of digital systems and their applications.
- Curriculum links and opportunities for the safe use of digital systems are considered in wider curriculum planning.
- Opportunities to join Code club in KS2

Assessing Computing

The impact of our whole school Computing curriculum is that all of the children become confident and are able to use computers and they can navigate the world beyond school, from creating a spreadsheet to manage finances to designing a birthday card.

Assessment and monitoring of progress is through children's work on computers and iPads, the shared computing folder, online learning journeys, reflections and teacher assessments. Teachers provide verbal feedback, and 'pupil voice' is gathered through interviews to ensure our curriculum is centred on the needs of our children.

We plan to support children with SEN and EAL through differentiated questioning, support and resources whilst having high aspirations in individual capacities for internet safety and knowledge.