Computing at Condover CE Primary School

Intent

It is our intent to provide all of our children with a high-quality education in computing which provides access to an ever changing and expanding digital world. We wish to develop a love of computing and provide children with the ability to enhance their knowledge, skills and understanding through different types of media whilst keeping safety at the forefront of their minds. Internet safety is of the utmost importance to us and to teach this effectively, children must have a clear understanding of the meaning of personal information and recognise their own responsibility in safeguarding. A core aspect of our computing teaching will be the teaching of computer science in which pupils are taught the principles of information and computation, how digital systems work, and how to put this knowledge to use through programming. We aim to make explicit links to other curriculum areas through a variety of digital platforms.

Implementation

Computing is used as an integral tool within our lessons to help children become creative thinkers and access learning in a variety of ways. To enable all children to access the full range of the computing curriculum, children all have additional core skills lessons in line with the project that they are studying in that term. This is to enable children to become effective users of not just the software but also the hardware through the development of mouse and keyboard skills and ensure increasing challenge for children as they progress through school. At times, areas of the computing curriculum is taught discreetly. In addition, specific lessons relating to online safety are taught at the beginning of each term. We will use a wide variety of programs, ranging from Microsoft Word through to Scratch and Kodu Game Lab.

Impact

Children will have developed the knowledge, skills and understanding to help them access and use a range of technology in a safe and creative way. Children will have developed skills that equip them to use these skills in the wider world. As a school, we continually seek out ways to improve our teaching of computing by looking for new opportunities for both staff and children to learn with regards to Computing.

Co-ordinator Ewan Evans