ICT at Cawood CE VA Primary School

Stepping Forward Together

We strive to provide the highest standards of education.

Our distinctive christian values of Perseverance, Friendship, Thankfulness and Wisdom (PFTW) drive our ambition, that every member of our community will flourish and fulfill their potential as a child of God.

John Chapter 10 verse 10

…I have come that they may have life, and have it to the full.

This is supported through our 5 ways to flourish which underpin our decision making and teaching and learning approaches.

5 Ways to Flourish – Computing focus

Connect – understanding and using digital devices including mobile telephones and the internet to communicate with those around us and people who are far away, and keep up to date with what is happening in the wider world.

Keep Learning – Completing internet research to find knew knowledge, using digital games, activities videos and songs to help embed knowledge and using a range of multimedia hardware and software to present learning in different ways

Intent	The importance of using technology safely, respectfully and responsibly including recognising what is acceptable/unacceptable behaviour is a key component of our curriculum. This will be continually taught and reinforced throughout the year not only in-school, but also via parent engagement. We endeavour to keep all children safe on line as much as possible. Children will learn the principles of information and computation, how digital systems work and how to put this knowledge to use through programming. They will build on this knowledge to create programs, systems and a range of content. Children will be taught and supported in using technology purposefully to develop and express their ideas creatively across a wide range of devices and software.
Pedagogical approach	Computing will be taught through a combination of discrete computing lessons alongside cross-curricular opportunities to utilise skills and software taught. Both online and offline lessons will be delivered to ensure understanding as well as practical usage, with all classes having a small number of laptops in-situ at all times for occasional use, as well as timetabled sessions with a class set of laptops for focussed work. Each new topic will be introduced with explicit reference to purpose. Prior knowledge will be shared and assessed and where appropriate children will be encouraged to tinker, as well as follow specific processes after good practice has been modelled. At end of units children will be encouraged to suggest where and how else learning can be applied, As children move through key stage 2, it is expected that they will begin to take ownership of suggesting when and how technology can be utilised to improve outcomes.
Implementation	In today's digital society we recognise that computing and technology play a vital role in the daily life of children and adults. Safe, effective and creative use of digital devices can significantly enrich children's experiences and help them to flourish – most noticeably as they strive to **Keep Learning** and **Connec**t with others. We believe that digital literacy should be built gradually right from early years through to year 6. It must enable pupils to develop: a deep understanding of where and how technology is used, competency in a wide range of computing skills and opportunities to utilise these skills and knowledge with purpose to support their learning