



“Where responsible, respectful, caring and resilient children and adults strive to be the best versions of themselves.”

*Responsibility*

*Respect*

*Care*

*Resilience*

### **Computing Statement of Intent, Implementation and Impact**

#### **Intent**

Computing at Wherwell Primary School intends to equip children with the skills and knowledge to use a wide range of technology that they might encounter in their lives competently and safely. Our aim is to embed our core values of Resilience, Respect, Responsibility and Care throughout all use of technology. We want the children of this school to become critical thinkers as well as resilient and responsible users of technology. We know that technology is constantly changing and, to that end, we aim to prepare our children to adapt with it through a broad and balanced curriculum that develops cross-curricular links where possible. We recognise that the best prevention for a lot of issues we currently see with technology and social media is through education. Building knowledge in this subject will allow pupils to effectively demonstrate their learning through creative use of technology.

#### **Implementation**

At Wherwell, we create a clear and effective, bespoke 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. We feel it is important for children to 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. 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, cyber-bullying, online safety, security, plagiarism and social media.

Wider Curriculum links and opportunities for the safe use of digital systems are pivotal within the teaching and learning of Computing as real-life applications make the experience more authentic and meaningful, therefore more likely to be remembered.

To help with our implementation of the computing curriculum we have a variety of hardware available to all teachers, including:

- A class set of laptops
- 15 iPads

Each classroom is provided with:

- A visualiser
- A Class iPad
- Interactive Whiteboard

All children from Years 1-6 are provided with Calibrae accounts and work can be accessed in school and remotely. Children in Year R are provided with a Tapestry account. Children in KS2 are also provided with a Times Tables Rockstars account to help support the mathematics curriculum through technology.

### **Impact**

Our aims for the children at Wherwell Primary School are to be confident users of technology, able to use it to accomplish a wide variety of goals, both at home and in school, using resilience, to solve any problems they may encounter on the way. We aim for our children to show respect in the way they treat others when using the internet to interact safely. Wherwell children will show responsibility when using technology and take care of any equipment they may be using. Our children will be able to adapt and respond to an ever-changing technological world.