Computing at Chilham

Intent

At Chilham St Mary's, our computing curriculum equips pupils with the knowledge, skills and confidence to thrive in a digital world. We intend for all children to:

- Develop computational thinking and digital literacy, enabling them to use technology creatively, responsibly and safely.
- Gain the skills to understand and change the world through programming, problem-solving and logical reasoning.
- Recognise both the opportunities and challenges of technology, learning to apply their skills thoughtfully and with integrity.
- Build resilience, curiosity and independence as learners who are prepared for the future and able to contribute positively to society.

Implementation

We follow the *Teach Computing* curriculum, ensuring full coverage of the National Curriculum and progression across all year groups. Learning is carefully sequenced into the strands of **Computer Science, Information Technology, and Digital Literacy**, supporting children to know more, remember more and do more over time.

- Teachers deliver weekly computing lessons, supported by high-quality resources and CPD.
- Pupils develop programming and problem-solving skills through practical, hands-on activities.
- Digital literacy, including online safety, is woven through the curriculum and reinforced in PSHE and worship, equipping pupils to use technology responsibly.
- Cross-curricular opportunities ensure computing supports wider learning, from research to creative projects.
- Access to a range of devices and software ensures that all children can experience computing in meaningful, real-world contexts.

Impact

By the end of their time at Chilham St Mary's, children are digitally literate, resilient and confident users of technology. They can apply their computing knowledge to solve problems, express ideas and communicate safely and responsibly. Pupils leave us with secure foundations in computing, prepared for the next stage of education and with the skills and values to engage positively with an ever-changing digital world.