



Computing Vision Statement

Intent

At Cotgrave Church of England Primary School, we believe it is essential that all children leave primary school with the skills and confidence to navigate and thrive in the digital world. In a rapidly evolving technological society, it is crucial that we prepare our children to embrace opportunities, meet challenges, and use technology as a powerful tool for learning, creativity, and connection.

Our computing curriculum encourages children to explore the wonders of technology with curiosity and purpose. Through hands-on experiences, they develop digital literacy, computational thinking, and essential problem-solving skills. Rooted in our Christian ethos, we foster a culture of kindness, respect, and responsible digital citizenship, ensuring that every child understands the importance of using technology safely and ethically.

Guided by our school vision, we aim to inspire confident learners who embrace challenge with resilience, knowing that God walks beside them as they discover the endless possibilities of the digital world.

Implementation

Our computing curriculum is built around four key areas:

- Information Technology – Understanding and applying technology in real-world contexts
- Digital Literacy – Purposeful use of technology to communicate and create
- Computer Science – Developing coding skills and computational thinking
- E-Safety – Promoting online safety and responsible digital behavior

These areas are taught progressively from Early Years through to Year 6, ensuring children build on prior knowledge and skills each year. Using tools such as Purple Mash, Sonic Pi, Scratch and various online resources, we integrate computing across the curriculum, enriching subjects like Literacy, Maths, Geography, RE, and History.

Children are encouraged to reflect on their learning, evaluate their progress, and work collaboratively, fostering a love of learning and a growth mindset. Online safety is a key priority, and we equip children with the knowledge and skills they need to navigate the digital world with confidence and care.

Impact

By the end of their journey at Cotgrave Church of England Primary School, our children will have developed a strong foundation in computing skills, preparing them for the future. They will be confident, responsible digital citizens who can use technology creatively and effectively across different contexts.

Our children will also understand the importance of resilience and reflection in their learning process. Through our inclusive and nurturing approach, every child will flourish, living 'life in all its fullness' as they embrace the challenges and opportunities of the digital age.