



Computing Intent Statement

At St. Joseph's Catholic Primary School, Computing is a vital subject that equips our pupils with essential knowledge and skills to thrive in an increasingly digital world. Rooted in our Catholic ethos and values, including stickability, motivation, cooperation, independence, curiosity, and creativity, our Computing curriculum inspires pupils to become thoughtful, responsible users of technology who confidently embrace challenges and work collaboratively. Computing supports our vision of sharing God's love by fostering respectful and safe online behaviours, while encouraging pupils to make thoughtful choices and take responsibility for their actions in digital spaces.

Key Aims

Our Computing curriculum aims to ensure that all pupils, including those with SEND and EAL, develop a secure foundation in digital literacy and computational thinking. We strive to:

- Build pupils' confidence and independence in using technology purposefully and safely.
- Foster curiosity and creativity through problem-solving, coding, and digital content creation.
- Develop cooperation and communication skills through collaborative projects and peer learning.
- Embed motivation and stickability by encouraging pupils to persevere with challenges and reflect on their learning.
- Equip pupils with the knowledge to understand the impact of technology on society and their role within it, including online safety and digital citizenship.

Content and Skills

Pupils will gain a progressive understanding of computing concepts, including hardware, software, coding, data handling, and digital communication. They will:

- Learn to operate digital devices confidently, developing fundamental skills in keyboard and mouse control, typing, and navigating software.
- Explore computational thinking through sequencing, algorithms, and debugging in age-appropriate programming languages and tools.
- Engage in creative projects such as digital art, multimedia presentations, and simple simulations.
- Understand the importance of staying safe online, recognising risks, and knowing how to seek help.
- Develop language and vocabulary specific to Computing, supporting literacy across the curriculum.

Progression

The Computing curriculum is carefully sequenced to build knowledge and skills incrementally across Key Stages 1 and 2. Early learning focuses on foundational digital skills and simple coding concepts, ensuring all pupils master essential competencies before progressing. As pupils move through the school, they revisit and deepen their understanding of key ideas, applying them in increasingly complex contexts that promote critical thinking and problem-solving. Teachers use retrieval and spaced practice to reinforce learning and ensure pupils build strong mental models of computing concepts. Adaptations and scaffolding are in place to meet the diverse needs of our pupils, ensuring equitable access to learning and progress for all.

Wider Impact

Computing at St. Joseph's contributes significantly to pupils' overall development by enhancing their independence, resilience, and capacity for teamwork. It prepares them for the demands of modern life and future education by fostering digital fluency and ethical awareness in technology use. Through computing, pupils develop transferable skills such as logical reasoning, creativity, and effective communication, which support their learning across all subjects. Our curriculum also promotes social responsibility and respect, reflecting our Catholic values and encouraging pupils to be kind, reflective digital citizens who contribute positively to their community and the wider world.