



Digital Technologies

At St James', the Digital Technologies department equips students from Years 3 to 12 with the knowledge, skills and ethical awareness required to thrive in an increasingly digital society. Our aim is to develop mindful innovators and problem-solvers who understand how technology shapes the modern world. We prepare learners for future pathways in STEM, IT and the creative industries whilst encouraging resilience, collaboration, creativity and responsible citizenship.

Vision, Mission and Core Outcomes

Vision

To inspire students to become creative, ethical and resilient innovators, equipped to design digital solutions that improve their world. We nurture curiosity and confidence in technology, ensuring every learner develops the adaptability, problem-solving and collaboration skills needed to thrive in an ever-changing digital society.

Core Outcomes

Students graduating from Digital Technologies will:

- Demonstrate confidence as creators and innovators, not just as users of digital systems
- Apply ethical, social and legal awareness in all digital contexts
- Exhibit creativity, problem-solving and collaboration through hands-on projects
- Possess the technical and analytical skills to succeed in further study or careers in digital fields.
- Be lifelong learners, adaptable to emerging technologies and committed to using digital solutions for positive impact.

Mission



Laying Strong Foundations (Years 3-6)

Building digital literacy, coding basics, online safety and ethical technology use. Students gain confidence in using devices, representing data and collaborating responsibly, preparing them for study in the middle years.



Fostering Exploration and Growth (Years 7-10)

Guiding students through computational thinking, coding, networking, app and game design, digital creativity and ethical problem solving. Project-based learning and teamwork empower students to apply their knowledge in engaging, real-world contexts.



Preparing for Pathways (Years 11 - 12)

Offering rigorous Computer Science study that develops advanced programming, database design, networking and cyber security expertise. Students are challenged to consider the ethical, legal and social impacts of technology while gaining skills for tertiary education, vocational training and careers in digital and creative industries.



Embedding Life Skills Through Technology

Across all years, our mission is to promote collaboration, resilience, adaptability and critical thinking through engaging projects and safe digital citizenship.



We help students to build confidence, creativity, and safe digital habits through engaging, innovative, and hands-on learning experiences. Our program lays strong foundations while inspiring ethical, resilient problem-solvers prepared to thrive in a changing digital world.

Michael Steele
Head of Digital Technologies