Computing at St George's

INTENT IMPLEMENTATION CULTURAL CAPITAL

Develop problem-solving, logical thinking and creativity through technology.

- Follow the Purple Mash curriculum, building computing knowledge and skills progressively throughout children's time at St George's.
- Develop computational thinking through activities that encourage children to solve problems, follow and create instructions, and use logical reasoning.
- Reinforce computing vocabulary by using and applying key terminology across computing lessons and other areas of the curriculum.

Build confidence in coding, creating and digital communication.

- Follow a knowledge-rich, progressive curriculum, developing computing skills and understanding year on year throughout Key Stage 1.
- Develop an understanding of algorithms, creating and following sequences of instructions to achieve specific outcomes.
- Use Purple Mash to develop confidence in coding, creating digital content and communicating using technology.
- Explicitly teach and reinforce computing vocabulary, including key terms such as algorithms and debugging.

Use technology safely, responsibly and respectfully.

- Teach online safety progressively through Purple Mash's 2BeSafe units, reinforced through recognising the annual Safer Internet Day.
- Develop understanding of online privacy, personal information and security, promoting kind and respectful behaviour and knowing when to seek help.
- Explore how technology is used safely and responsibly in everyday life, both in school and beyond.
- Extend digital skills and interests through our extra-curricular Digital Explorers club.

Foster courage to explore and experiment with new ideas.

- Build confidence in using digital media, including video, images, text and sound.
- Provide open-ended tasks in Purple Mash, encouraging children to experiment and create their own digital outcomes.
- Encourage children to make independent choices about how they use technology to communicate and present their ideas.



Prepare children for life in a digital world.

- Develop digital literacy through access to relevant, up-to-date technology and its use across the wider curriculum.
- Reinforce online safety and responsible technology use, helping children make informed choices in an increasingly digital world.
- Equip teachers with the knowledge and confidence to deliver the curriculum through regular Purple Mash CPD.