



Curriculum Intent Statement for Computing

Our School Vision

"Our school is a church school with strong Christian foundations. We aim to provide the very best for every child in our school and to help them to reach their potential within a safe and secure Christian environment. Our current Vision is based on the school needs at the current aim and is based on:

"Be kind and compassionate to one another, forgiving each other, just as in Christ, God forgave you." Ephesians 4:32

St George's Church of England Primary School - supporting each other to courageously flourish, within our community, armed with our shield of Christian values. Be Kind. Be Compassionate. Be Forgiving."

Whole School Curriculum Intent

At St. George's School, our curriculum pledge is;

- We promise that we will have the highest expectations for all
- We promise we will uphold our school Christian values
- We promise we will all be inspired, excited, engaged and curious learners
- We promise to nurture life long learning.

Computing Intent

Through high quality teaching, we are continually developing:

- A wide range of knowledge, skills, understanding and constructive attitudes towards technology
- The underlying processes and metacognition needed for students to have a deep understanding of computer systems
 - Recognition that students have the right to become more than competent operators of technology – that they are able to adapt, understand and make discerning use of the technology around them.
 - Integration of the latest DFE guidance on Online Safety therefore making sure that the ethics of computer use are addressed. This is vital for building positive social capital in any society.
 - A thorough knowledge and understanding of online safety, which is taught periodically, building layers of resilience against inappropriate conduct, content and contact.

- A curriculum that is designed to reduce workload for staff by providing access to resources, technology that works across different devices, so that they can concentrate on teaching and monitoring the children's learning.
- A curriculum that supports the school's wider ambitions towards reading – key questions, success criteria, and information about online safety allow children to use their reading skills. Debugging code develops skills in scanning techniques, and reinforces the need for accurate syntax.

Computing Implementation

Within the classroom setting our curriculum demonstrates:

- Clear and progressive coverage in each year group for Computer Science, Information Technology and Digital Literacy.
- Objectives within each strand, which are progressive, and share a common language so that there is progression in computer science skills
- Objectives that allow usage in either a discrete (e.g. programming) or cross-curricular (e.g. multimedia) way.
- Cross curricular links between the online safety expectations from the Project Evolve scheme and the PSHE objectives covered within our Jigsaw units
- Teachers have an appropriate level of knowledge for the subject, which is supported through the access of lesson planning, resources and planning within a scheme of work. Where staff need support, there is access to planning, teaching and coaching support from The White Horse Federation School Improvement team
- Sequenced lessons that are generally taught weekly but could be taught in a block depending on the topic or needs of the class.

Computing Impact

The implementation of our curriculum and quality teaching and learning, ensures that when children leave St George's school, they are competent and safe users of technology with an understanding of how the digital world works. They will have developed skills to express themselves and be creative in using technology and be equipped to apply their skills in Computing to different challenges going forward. They will be safe digital citizens with a broad range of knowledge of the online world which they can apply to different situations as technology develops.