

Computing Intent

"We are all now connected by the Internet, like neurons in a giant brain." - Stephen Hawking

At St. Peter and St. Paul, we intend to prepare our children for their future in an increasingly digital world. Technology is already a part of everyone's daily lives, and as it changes and evolves rapidly, we believe that it is more vital than ever for children to develop their computing skills confidently and safely.

By the time they leave our school, the children will have gained key knowledge and skills in the three areas of the computing curriculum: digital literacy (finding, sorting and evaluating information), information technology (learning to store, receive and send information), and computer science (including programming). As well as computing lessons to specifically teach these areas, school devices are used across the curriculum to enhance learning in other subjects whilst simultaneously building on children's digital literacy and information technology skills. Our accessible yet challenging programming scheme also allows children to develop some important transferable skills: including their resilience, problem-solving and critical thinking.

Our curriculum is structured so that each area is revisited repeatedly throughout the children's time at school. This ensures that their learning is embedded, and that skills can be successfully developed whilst building on this prior knowledge. Online safety is also prioritised: this is taught in an age-appropriate way to every year group, often relating to current events or reactive to children's ever-changing use of social media and personal devices at home. By showing children the importance of being safe online, we enable our children to become conscious, respectful and responsible digital citizens.