Computing

Our Offer

At St Peter's we aim to provide a balanced, challenging and enjoyable curriculum for all pupils, that links with and enhances learning across other subjects. Encompassing the requirements of the National Curriculum programs of study for computing at KS1 and KS2, our curriculum aims to equip pupils with the confidence and the computational thinking skills to use digital tools throughout their lives.

We adapt the curriculum in response to new developments in technology, while appreciating that today's digital tools are likely to be different from those that will be used by our pupils in their future careers. Consequently, pupils are taught to evaluate and compare different technologies, as well as develop an appreciation of the underlying infrastructure. Another important aim of Computing at St Peter's is to teach pupils to use digital tools safely and responsibly - linking closely with our Learning for Life curriculum.

Pupil Experience

Our Computing provision is divided in to three main areas:

- Information Technology (using applications like presentation tools, word processing packages, spread sheets and databases)

- Digital Literacy (understanding the impact of technology, using online information, social media and online safety)

- Computer Science (how technology works and programming)

From Y2 up, Computer Science is taught weekly. In addition to these timetabled lessons, opportunities arise to apply Information Technology and Digital Literacy skills in other subjects; for example, digital mapping tools in geography and exploring digital music tools, as well as word processing, preparing presentations and online research. In Y1 Computer Science is taught bi-weekly and then incorporated into the Enhanced Provision. In EYFS the use of technology is planned in topic work. The school is well resourced with tablets and laptop computers, as well as more specialised tools such as micro bits and BBOTs, to support all of these activities. In Y5 and Y6 our after-school programming club is always popular.

Talking to a French pupil on Zoom

Global Committee Presentation

What is the impact on pupils' going forward?

It is important for our pupils to leave St Peter's not only with a love of technology but also with the skills and confidence to access the next stage of their learning at secondary school. Equipping our pupils with the tools to navigate the online world safely is also key, and external health and wellbeing surveys have highlighted the strength of our teaching in online safety. The combination of timetabled lessons, and planned links across the curriculum (for example simulating the solar system for science, and animation in art) ensures that pupils leave St Peter's with an appreciation of and enthusiasm for the technology that underpins and links the global community.