



Curriculum Statement - Computing

Many jobs that exist today will disappear over the lifetime of our children and be replaced by jobs in computing. That is why at St. Ives School, a fresh, challenging and innovative computing curriculum has been developed that puts students and their future at the forefront of learning. We make sure that students experience the exciting topics of computer science, but we are also passionate about ensuring every student leaves School with the industry standard IT skills to succeed in their education and beyond.

We make sure our students are aware of how their digital community is constructed and how to safely access and use the exciting resources at their disposal. Our technological world will bring opportunities in our children's future lives that we can't even imagine right now so at St Ives School we give every student the skills they need to find their way in this future.

From ensuring every student knows how to put their online welfare first to making sure every student leaves our school having coded in a professional programming language, we have developed a computing curriculum ready for the future. There is a growing skills shortage of computing specialists in the UK and we must prepare our young people for this. At St Ives School we endeavour to ensure that our children leave school ready to put themselves in pole position for these opportunities and our future world.

What is unique to the study of computing?

The most important aspect of computer science is problem solving, an essential skill for life. Students study the design, development and analysis of software and hardware used to solve problems in a variety of business, scientific and social contexts. We offer coding sessions as part of the Be Inspired programme to support the learning of computer coding in lessons.

"Computers themselves, and software yet to be developed, will revolutionize the way we learn."

Steve Jobs