


Computing at Bickerton Holy Trinity Church of England Primary School

Intent	Why? and How?	
	<p>'Life in all its Fullness' (<i>John 10:10</i>)</p>  <p>Lifelong Learners Immersive Valuing Diversity Enquiring Minds</p>	<p>The overall aim of the computing curriculum at Bickerton Primary School is to equip our pupils with the skills and knowledge they need to thrive in a digital world. We aim to develop their enquiring minds by immersing them in lessons that encourage computational thinking, problem solving and digital literacy, whilst promoting a responsible and safe approach to the use of technology. Our intention is underpinned by the belief that computing education should empower students to become active, lifelong learners and creators in the digital age. Our computing curriculum and teaching has links with mathematics, science and design and technology, and our approach is to provide a broad and balanced curriculum while ensuring that pupils become digitally literate and digitally resilient. Technology is constantly evolving, and we aim to develop students who can use and express themselves, develop their ideas through information and communication technology at a level appropriate for the future workplace and as active participants in a digital world.</p>
Implementation	How we teach Computing	
	<p>Our computing curriculum is broad and balanced, with three main strands: computing, information technology and digital literacy. We provide opportunities for the enquiring minds of our pupils to engage with a range of computing concepts and technologies to ensure they have a well-rounded understanding of the subject. Our curriculum is carefully sequenced using Purple Mash's computing scheme of work, to ensure progressive and immersive learning opportunities. We believe in early exposure to computing so from Foundation Stage, pupils are introduced to appropriate computing concepts, building on their previous knowledge and skills each year encouraging lifelong learners. This sequential approach enables pupils to develop a coherent understanding of computing throughout their primary school life. Our teachers are skilled in delivering engaging lessons, providing clear explanations, and encouraging active learning. They use a variety of immersive teaching strategies, including hands-on activities, collaborative projects, and problem-solving tasks, to ensure that pupils are actively involved in their learning experiences. To enhance the relevance and application of computing, we promote real-world connections and explore links with other areas of the curriculum. Pupils are given opportunities to use their computing skills to solve problems across the curriculum and are encouraged to see computing as a tool that can support learning in different subjects. We place a strong emphasis on teaching pupils how to use technology safely, responsibly, and ethically. We provide regular opportunities to discuss online safety, digital citizenship, and the importance of respecting the intellectual property of others. Our computing curriculum also highlights the potential risks associated with technology and empowers students to make informed decisions when using digital resources. The delivery of our computing curriculum is adapted through resources or the deployment of staff to enable all pupils, including those with Special Educational Needs or Disabilities, to engage in the same curriculum.</p>	
Impact	How we monitor standards and the impact of our Computing Curriculum	
	<p>The impact of our computing provision is demonstrated by the attainment of our students. They develop a deep understanding of key computing concepts, acquire a wide range of technical skills, and demonstrate confidence in using digital technologies. Pupils make progress, as evidenced by their ability to solve complex problems, code algorithms, and critically evaluate digital information. Computing education plays an important role in the personal development of pupils. Through engaging and</p>	

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purposeful computing experiences, students develop essential skills such as resilience, creativity, reasoning, and collaboration. They have the opportunity to express themselves digitally, developing their self-esteem and confidence in using technology effectively.

Our computing provision also has a positive impact on students' attitudes and behaviours towards technology. Pupils develop a passion for computing, showing curiosity, enthusiasm, and a desire to embrace new technologies. They behave responsibly and respectfully when using technology and demonstrate a good understanding of online safety and digital citizenship. At Bickerton we ensure that our pupils are well prepared for the digital world they will face in their future lives. Through our use of Purple Mash, we equip them with the necessary skills, knowledge, and attitudes to thrive in a rapidly evolving technological landscape. Pupils leave our school as confident, adaptable, and informed digital citizens, ready to embrace the challenges and opportunities of their future endeavours.

The Computing subject leader is given time to monitor the delivery of our Computing curriculum through shared uploads and folders, discussions with staff and pupils and visits to lessons.