



Computing at Flamborough CE (VC) Primary School

“Technology is best when it brings people together.” — Matt Mullenweg



<u>Statement of Intent</u>	<u>Key skills</u>	<u>Content</u>
<p>At Flamborough CE Primary, we offer each class a structured sequence of lessons, for a broad, deep understanding of computing and how it links to children's lives. It offers a range of opportunities for consolidation, challenge and variety. This allows children to apply the fundamental principles and concepts of computer science. They develop analytical problem-solving skills and learn to evaluate and apply information technology. It also enables them to become responsible, competent, confident and creative users of information technology.</p>	<ul style="list-style-type: none"> • Using a range of computing programmes and devices to communicate with others. • Having safe, respectful relationships with others whilst using technologies. • Knowing who to report to if something makes them feel unsafe. 	<p>Multimedia – text and graphic Multimedia – sound and video Data Handling Coding and Programming Technology in Our Lives Online Safety</p>
<p><u>Implementation</u></p> <p>Each lesson contains revision, analysis and problem-solving. Through the sequence of lessons, we intend to inspire pupils to develop a love of the digital world and see its place in their future. Cross-curricular links are also important in supporting other areas of learning. Our scheme helps children to build on prior knowledge at the same time as introducing new skills and challenges.</p> <p>In KS1, the focus is on developing the use of algorithms, programming and how technology can be used safely and purposefully.</p> <p>In KS2, lessons still focus on algorithms, programming and coding but in a more complex way and for different purposes. Children also develop their knowledge of computer networks, internet services and the safe and purposeful use of the internet and technology.</p>	<p><u>Monitoring and Assessment</u></p> <p>Assessment is through ongoing teacher assessment both during and at the end of units of work. Specific tasks may be set to link to other subjects to ensure that children see the multifaceted, and cross curricular nature of computing in a modern world e.g. Links to relationships and online safety in PHSE/RSE.</p>	<p><u>Impact</u></p> <p>Children will use digital and technological vocabulary accurately, alongside a progression in their technical skills. They will be confident using a range of hardware and software and will produce high-quality purposeful products. Children will see the digital world as part of their world, extending beyond school, and understand that they have choices to make. They will be confident and respectful digital citizens going on to lead happy and healthy digital lives.</p>