



COMPUTING POLICY

Staining CofE Primary School Vision for Computing

Our School Drivers: Explore the World, Thrive in Life & Make a Difference



At Staining Primary School, we recognise the vital role that Computing plays in shaping the future of our students. In an increasingly digital world, it is essential that children develop strong computational skills, digital literacy and a solid understanding of information technology. Our vision for Computing is to provide a dynamic, inclusive and forward-thinking learning environment where all pupils are empowered to explore technology confidently and responsibly. Using the Purple Mash scheme, we aim to provide a comprehensive and engaging curriculum that is rooted in our school values of *Aim High, Be Kind, Show Respect, Work Hard and Teamwork*.

How we learn to wonder in Computing

At Staining Primary School, we believe that Computing is essential in preparing children for an increasingly digital world. Through our Purple Mash curriculum, we aim to develop confident, capable and responsible users of technology.



Our curriculum develops knowledge and skills across the three strands of **Computer Science, Information Technology and Digital Literacy**. We encourage children to explore, create, problem-solve and think critically, developing the skills needed to use technology effectively and responsibly.

Rooted in our school values of *Aim High, Be Kind, Show Respect, Work Hard and Teamwork*, we provide an inclusive environment where every child can develop their computational skills and digital confidence. We aim to equip pupils with the knowledge, skills and understanding to make positive and responsible choices when using technology, both in school and beyond.

How we grow in wisdom in Computing

Computing is taught using the **Purple Mash** scheme, providing a progressive curriculum across Computer Science, Information Technology and Digital Literacy. Lessons are practical and engaging, giving pupils regular opportunities to develop their skills through exploring, creating, programming and problem-solving.

Teachers use modelling, questioning and practical activities to support pupils in developing confidence and independence. Learning is sequenced to build on prior knowledge, with appropriate support and challenge provided for all learners.

Computing teaching also supports pupils to understand how to use technology safely, respectfully and responsibly. Links to online safety, artificial intelligence and wider ICT use are made where appropriate, with further guidance provided through the school's **ICT and AI Policy**.

How we shine like stars in Computing

The impact of our Computing curriculum is seen in pupils who are confident, independent and responsible users of technology. Children develop a secure understanding of Computer Science, Information Technology and Digital Literacy and can apply their knowledge and skills to a range of tasks.

Pupils demonstrate increasing confidence in problem-solving, creating digital content and using technology purposefully. They understand the importance of making safe, respectful and responsible choices when working in a digital environment.



Progress is monitored through pupils' work, discussions, practical outcomes and assessment within Purple Mash. Ultimately, we want every child to **shine like a star** by using technology creatively, confidently and responsibly to support their learning and prepare them for the future.

Resources

At Staining Primary School, **Purple Mash** is used to support the planning and delivery of our Computing curriculum. A range of digital devices, software and practical resources enable pupils to develop their skills across Computer Science, Information Technology and Digital Literacy.

Role of the subject leader

Monitoring of the standards of children's work and of the quality of teaching in Computing is the responsibility of the subject leader. The work of the subject leader also involves supporting colleagues in their teaching, being informed about current developments in the subject, and providing a strategic lead and direction for the subject in the school.