



Long Sutton Primary School

Computing Subject Intent

Our intention is that when children leave Long Sutton Primary School, they will do so with the knowledge, understanding and ability to be able to play an active, positive and successful role in today's digital world. We firmly believe that our ambitious Computing curriculum develops in our children the ability to use computational thinking that will prepare them for the future.

Technology is everywhere and will play a pivotal part in children's lives. Therefore, at Long Sutton Primary School, we want to model and educate our children on how to use technology positively, responsibly and safely with respect for themselves and others. We want children to leave our school understanding that there is always a choice with using technology and as a school, we utilise technology to model positive use.

Technology helps develop strength and creativity within our pupils so that they can apply this knowledge across the curriculum. Our Computing curriculum allows children to develop skills and knowledge through computational thinking and digital literacy to enable them to become effective users of technology and prepare them for future educational settings and the wider world.

Computing is taught throughout the academic year as a discrete subject in every year group in Key Stage One and Key Stage Two. As a school, we have chosen to follow the 'Teach Computing' scheme of learning and we use a combination of devices and 'unplugged teaching' to build upon existing Computer Science skills, ensuring our children have a firm understanding of how algorithms work and how to use debugging skills when appropriate to solve problems. By utilising technology across a broad range of subject areas, we will create digitally literate students, who know how to use technology effectively and safely and how to protect their digital footprint.

E-safety underpins our entire Computing curriculum and is threaded through every lesson. Here at Long Sutton Primary School, across all year groups, children learn how to use technology safely therefore allowing them to become familiar with how to respectfully and responsibly use technology, understand acceptable and unacceptable behaviour online and how to report concerns. Key awareness days are also prioritised within the academic year.

At Long Sutton Primary School, we recognise that children grow up surrounded by technology. Their everyday interactions and experiences involve it, whether that is inside their homes, at school, out shopping or playing. Their world is an ever-changing digital world and we owe it to our children to prepare them for living in it.

