



Buriton Primary School Computing Curriculum

Intent

At Buriton Primary school, we aim to give our children the life-skills that will enable them to embrace and use new technology in a creative, responsible and safe way in order to flourish. We understand that technology is an integral part of everyday life and it guides, innovates and develops practice in many sectors of work, education and daily life. We want our children to become autonomous, independent users of computing technologies, where they can gain confidence, develop creativity, resilience, problem-solving and critical-thinking skills. We want the use of technology to support learning across the entire curriculum and ensure that it is accessible to every child. It is important to us that our children have a breadth of experience to develop their understanding of themselves as individuals within their community, but also as members of a wider global community and responsible digital citizens.

Implementation

Our computing curriculum is taught through discreet lessons in each class, but the use of technology is encouraged to support learning across all curriculum areas. With the support of Purple Mash and the NCE Computing curriculum, all children are exposed to a range of topics, which encourage progression across the key strands of computer science, digital literacy and information technology. Our younger children are introduced to various different devices (including iPads, cameras, IWB, floor turtles and voice recorders) throughout the year, where they learn about their appropriate uses. As they progress through the school, they will also have access to crumble kits and micro-bits to develop their experiences in physical computing. Beyond computing lessons, the use of iPads, PCs, laptops, digital cameras and IWBs are used to enrich the curriculum and make these resources accessible for all.

E-Safety - Online safety is fundamental and explicitly taught at an age-appropriate level, every term in all classes, as well as being embedded in the wider curriculum. To ensure that we keep our children safe and to teach them about online safety both in and outside of school, we use '1 Decision' (our PSHE programme), which we have adapted to suit the needs of our children.

Impact

During their time at Buriton Primary School, our children will have a secure knowledge of technology and digital systems, enabling them to use these skills as confident digital citizens in the modern world. They will have learned about the benefits that technology has to offer as well as developing a critical awareness of online content and their own and other's online behaviour. Our children will know how to be responsible, safe and respectful online. They will be able to recognise the dangers that exist from the use of technology and voice their ideas about the potential risks of being online. They will be able to talk about ways to keep safe

online and know what to do if they feel unsafe or see something that they do not like.