

Ashwell Primary School

Computing Curriculum

Intent - Implementation - Impact



INTENT: Why do we teach what we teach?	IMPLEMENTATION: How do we teach it?	IMPACT: What has been the impact and how do we know?
<p>Our Computing curriculum intends to:</p> <ul style="list-style-type: none"> ✓ Encourage engagement, interest, excitement and curiosity for the subject of Computing. ✓ Provided a content rich, varied and engaging Computing Curriculum. ✓ Develop key skills, like logical thinking, strategy and communication through a varied range of programming activities including the opportunity to control and debug both physical and virtual systems, enabling them to gather a better understanding of how technology works in a modern day society. ✓ Inspire pupils to develop a love of the digital world and see its place in their future. ✓ Build on prior knowledge at the same time as introducing new skills and challenges. ✓ Prepare pupils to not only be digitally competent and have a range of transferable skills at a suitable level for future workplace, but also to be responsible online citizens. 	<p>Our curriculum for Computing is implemented by:</p> <ul style="list-style-type: none"> ✓ Following the statutory National Curriculum that underpins both our planning and the delivery of lessons in four key areas. Computer science, Information technology, digital literacy and online safety. ✓ Delivering carefully sequenced units of work that builds on prior knowledge and skills. ✓ Providing pupils with exciting and memorable experiences that engages pupils and enthuses learning. ✓ Providing opportunity for children to use a range of technological platforms such as; laptops, Chromebooks and iPads. ✓ Using an award-winning online learning platform, 'Purple mash' to support our Teaching and Learning of Computing. Purple Mash provides a safe online environment where children can access a range of cross-curricular resources to support their learning. 	<p>The impact of Computing lessons at Ashwell School is seen through children who:</p> <ul style="list-style-type: none"> ✓ Are critical thinkers and able to understand how to make informed and appropriate digital choices. ✓ Understand the importance that computing will have going forward in both their educational and working life and in their social and personal futures. ✓ Understand how to balance time spent on technology and time spent away from it in a health and appropriate manner. ✓ Show a clear progression of technical skills across all areas of the curriculum. ✓ Are aware of online safety issues and protocols and be able to deal with any problems in a responsible and appropriate manner. ✓ Leave Ashwell School equipped with a range of skills to enable them to succeed in their secondary education and be active participants in the ever-increasing digital world.