



Computing Intent, Implementation and Impact in Suffield Park Infant and Nursery School

Intent

Through our Computing teaching we prepare our children to be confident, resilient and ambitious users of information technology and computer science. We encourage the importance of leading healthy lifestyles by developing good screen time habits early on. By following the 'National Curriculum' and the 'EYFS Curriculum' our subject content allows for a broad understanding; with progressive coverage across our year groups exploring Technology in our Lives, Multimedia and Data Handling, and Programming. We recognise that young children need an age-appropriate understanding of how to keep safe when online. The digital world is ever changing and we therefore endeavour to help our young learners to develop knowledge and behaviours that can help them to navigate the online world safely, no matter which device they are using. Our children's knowledge and understanding is deepened by immersing them in computing vocabulary, this not only supports our topics but can be applied beyond the classroom. Our intention is that our children will be able to use and embed their computing and online skills across the whole curriculum and we strive to prepare our children for digital life in the modern world. Therefore enabling them to make positive contributions to the community; online and in the real world.

Implementation

In the Early Years, Understanding of the World involves guiding children to make sense of their physical world and their community through opportunities to explore, observe and find out about technology. Our Early Years Practitioners support this through discussion, play and practical application so that our children can demonstrate that they know about technology, its use in their lives and they can choose the technological opportunities around them as a tool to enhance and extend their learning. This is then built on in Key Stage One and our children are prepared for the next Key Stage. Our community links with the Junior School means that our Year One and Two children can use their ICT suite; this not only supports development of ICT skills as all children have access to a computer but it also supports with transition to the next school. We endeavour to look for community links which will inspire and motivate our children, and support their learning. In Key Stage One Computing is taught as a discrete subject but it is also integrated into other curriculum areas for meaningful learning opportunities. By revisiting concepts with increasing levels of depth in lessons and as children move through our school, we will enable the children to understand key vocabulary, develop fluency and to form relevant links which will help to embed knowledge. Reading opportunities are built into our learning for example through environmental print (Online Safety Posters, displays), reading instructions on screen (coding programs, Maths Whizz), reading information (Espresso, online books, IWB, internet searches). We have a selection of fiction and non-fiction books in our library relating to computing and online safety also. We recognise that our staff are role models for the

children, they need to demonstrate skills confidently and accurately and be positive advocates for online safety. We support our community of Parents/Carers by writing about Online Safety in our Monthly School Newsletter. We also take part in Safer Internet Day which is a global event.

Impact

At Suffield Park we want our children to be '**brilliant**'-achieving their full potential in learning and life.

- We strive:
- for all children to acquire the age appropriate related knowledge linked to the computing curriculum. For our children to have the computing skills and knowledge which prepares them for Year Three.
- for our children to use computing vocabulary accurately and to be able to talk confidently and fluently about their computing work.
- for our children to be respectful digital citizens who lead happy and healthy digital lives.
- for Computing to be a subject which is enjoyed by the children in our school.