



Computing

Subject Intent Statement

<i>Curious</i>	<i>Caring</i>	<i>Creative</i>	<i>Courageous</i>
Intent	<p>At Archibald First School, Computing is at the heart of all learning. It is essential in the modern world that we equip our children with the skills to be safe and happy online citizens as well as the ability to use technology to share the ideas and learn more about the world around them. We want our children to be able to curious about how things work and the world around them and use technology safely to find out more.</p> <p>Through Digital Literacy, the children learn how to be caring online citizens who know that their actions and words online can cause harm. They know who to turn to if they see or experience someone or something that makes them feel uncomfortable or upset.</p> <p>Our computing curriculum enables our children to share what they have learnt in a creative way, through Green Screen, Book creator, Padlet and much more. We encourage the children to think carefully about how they will share their ideas to present their work in a clear and well-presented manner.</p> <p>Our children are taught to be courageous in Computing, by experimenting and exploring new technology, being unperturbed by challenges they face when programming and learning new skills.</p>		

<p>Implementation</p>	<p>Computing is taught as a discrete subject once a week in Key Stage 1 and 2, with timetabled access to laptops or Ipads. In Early Years, computing is used to support the curriculum through continuous provision. Staff are provided with a medium-term plan that allows them to teach skills to create a finished product linked to the topic they are learning. Each year contains the use of software that allows them to build on skills from previous years to ensure by the end of Year 4 they are able to use a range of programs and apps. Having a finished product make the learning purposeful as well as ensuring as in the real world we share a good final product. Children build each year on the skills they have developed in word processing, coding and programming, Green Screen and Book creator. A list of skills is shared with staff to ensure progression. Each year children use the same apps and programs they have learnt in previous years but develop new skills. Digital Literacy is embedded though out the curriculum so children can revisit key lessons taught at the start of each year. Children with SEND access the curriculum at their own level as well as using computing to overcome any barriers they have to their learning. Disadvantaged children are able to access technology they may not be able to use at home. Children with EAL can use technology to further develop their language and understanding as well as using the universal language of code. In addition to the curriculum, we use GEM Education to provide additional skills lessons using the most up to date computing resources. Each year the curriculum is adapted to ensure that we keep up with current technology trends</p> <p>and online safety issues. We ensure that the technology we offer is the best we can, budgeting to replace old technology regularly.</p>
<p>Impact</p>	<p>By Year 4 our children are able to select and use a range of technology to research and share their learning in a well-presented way. They are able to use a range of coding programs using the skills they have gathered from teaching in previous years. In each year group, children make finished products that can be shared with others. Children are able to explain how to stay safe online at an age-appropriate level. At the end of each year staff are asked to share who in exceeding in the skills taught and children who will need additional support in Computing with the next teacher. Feedback from Middle school was that the children have excellent computing skills and that they are ready for middle school Computing lessons.</p>

Having fun, learning together.

Curious, caring, creative and courageous.