



Computing

Statement of Intent, Implementation and Impact

At Braishfield Primary School, our **Purpose** is to **help every child grow** to be the best version of themselves that they can be. By educating each child emotionally, physically, spiritually and academically, we will prepare them for their future. In doing this, we will equip our children with the life skills to become confident, caring citizens who can play a positive and active role in modern society.

Our **Vision** for the school is a positive, nurturing and happy school community, based on **kindness, honesty and respect** for ourselves, each other and for our environment. We will all strive to be successful lifelong learners by developing **inquisitiveness, independence, collaboration and resilience**. We will all strive for excellence in everything that we do. We will all be brave, resilient learners, prepared to take learning risks and learn from our mistakes.

Intent

Computing at Braishfield Primary School intends to equip children with the skills and knowledge to use a wide range of technology that they might encounter in their lives competently and safely. Our aim is to embed our Learners' Values of Resilience, Inquisitiveness, Independence and Collaboration through their use of technology. We want the children of this school to become critical thinkers as well as kind, respectful and honest users of technology. We know that technology is constantly changing and, to that end, we aim to prepare our children to adapt with it through a broad and balanced curriculum that develops cross-curricular links where possible. We recognise that the best prevention for many issues we currently see with technology and social media is through education. Building knowledge in this subject will allow pupils to effectively demonstrate their learning through creative use of technology.

Implementation

At Braishfield, we create a clear and effective, bespoke cross-curricular scheme of work that provides coverage in line with the National Curriculum across all year groups. Teaching and learning should facilitate progression across all key stages within the strands of digital literacy, information technology and computer science. We feel it is important for children to have access to the hardware (computers, tablets, and programmable equipment) and software that they need to develop knowledge and skills of digital systems and their applications. Teaching and learning should facilitate progression across all key stages within the strands of digital literacy, information technology and computer science. These are taught using the NCCE Teach Computing planning for KS1 and 2 to ensure a clear progression of skills is taught. Through this, children will have the opportunity to explore and respond to key issues such as digital communication, cyber-bullying, online safety, security, plagiarism and social media.

Wider Curriculum links and opportunities for the safe use of digital systems are pivotal within the teaching and learning of Computing as real-life applications make the experience more authentic and meaningful, therefore more likely to be remembered.

To help with our implementation of the computing curriculum we have a variety of hardware available to all teachers, including:

- Access to a class set of laptops
- Access to digital cameras

Each classroom is provided with:

- a set of 10 class iPads
- A visualiser
- A Class iPad
- Interactive Whiteboard

All children from Years R-6 are provided with Google Classroom accounts and work can be accessed in school and remotely. Children in Year R are also provided with a Tapestry account. Children in KS2 are also provided with a Times Tables Rockstars account to help support the mathematics curriculum through technology, whilst KS1 children have access to Numbots. In addition, all of the children are able to access eBooks via the School Library Service.

Impact

Our aims for the children at Braishfield Primary School are to be confident users of technology, able to use it to accomplish a wide variety of goals, both at home and in school, using resilience, to solve any problems they may encounter on the way. We aim for our children to show kindness and respect in the way they treat others when using the internet to interact safely, but also to be honest and seek help if they encounter a problem. Children at Braishfield will show responsibility when using technology and take care of any equipment they may be using. Our children will be able to adapt and respond to an ever-changing technological world.

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