

## Computing Intent, Implementation and Impact.

### Intent

Computing at Springbank Academy intends to develop 'thinkers of the future' through a modern, ambitious and relevant education in computing. We want to equip pupils to use computational thinking and creativity that will enable them to become active participants in the digital world. It is important to us that the children understand how to use the ever-changing technology to express themselves, as tools for learning and as a means to drive their generation forward into the future. Whilst ensuring they understand the advantages and disadvantages associated with online experiences, we want children to develop as respectful, responsible and confident users of technology, aware of measures that can be taken to keep themselves and others safe online.

Our aim is to provide a computing curriculum that is designed to balance acquiring a broad and deep knowledge alongside opportunities to apply skills in various digital contexts. Beyond teaching computing discreetly, we will give pupils the opportunity to apply and develop what they have learnt across wider learning in the curriculum.

### Implementation

We plan and deliver a clear and effective, bespoke cross curricular scheme of work that provides coverage in line with the National Curriculum. Teaching and learning should facilitate progression across all key stages within the strands of digital literacy, information technology and computer science. Our children will have access to the hardware (laptops, iPads, programmable equipment) and software that they need to develop knowledge and skills of digital systems and their applications. Our teaching and learning should facilitate progression across all key stages within the strands of digital literacy, information technology and computer science. 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. The importance of online safety is shown through displays within the learning environment and shared through weekly online safety assemblies. Parents/carers are informed when issues relating to online safety arise and further information/support is provided if required.

### Impact

We encourage our children to enjoy and value the curriculum we deliver. It is important that our learners have opportunities to discuss, reflect and appreciate the impact computing has on their learning, development and well being. We believe our learners need computing skills that allow them to access their whole curriculum by using different programmes and online tools. By introducing computing through our whole curriculum our pupils will become more confident in using IT equipment, programs and softwares safely and become more digitally literate.