



Computing

Intent, Implementation and Impact Statement



Vision - *We want our children to become independent thinkers and users of computing technologies.*

Intent (What we want to achieve)

At Devonshire Primary School, we teach computing to develop independent thinkers and users of computing technologies. This ensures that our students' technological minds are enriched, allowing them to grow to be respectful, resilient and resourceful users of technology. We recognise computing as fundamental in our society where its prevalence is only increasing and as such understand the importance of offering a wide and balanced curriculum which allows the students to thrive in this technological world. We intend to ensure our students develop an independent approach to computing, where they leave primary school with the necessary skills to succeed in their future endeavours.

Implementation (How we will do this)

At Devonshire Primary School, we teach computing either during fortnightly lessons or through half term blocks. Through careful consideration of the key knowledge and skills needed to succeed in computing, teachers plan their lessons from Medium Term Plans written by the subject leader. Teachers can use various schemes to aid their planning including Kapow Computing and Teach Computing. We have ensured that all three areas of computing (Digital Literacy, Information and Communication and Computer Science) are covered across either 3 or 4 topics each year; the key skills and knowledge threads are woven across these topics. Each year group (except Reception) has a set of 30 chromebooks which can be used for computing lessons. We are a Google based school where children have access to a range of Google programs to help them develop the necessary skills within computing. Over the past two years, we have worked to remove any barriers to succeeding within the computing curriculum by using this Google based approach. EYFS have 18 iPads which are used to expose children to computing technologies through engaging play-based experiences.

Impact (What the outcomes will be)

Children at Devonshire Primary School will be digitally literate; they will be able to independently use and express their ideas through digital means and in doing so they will be safe and understand how various technology works so that they can be competent users of such technology. Through monitoring, feedback and discussions with children across the school, they should be able to demonstrate their understanding of key knowledge and skills taught including an understanding of online safety and how to keep themselves safe online and be able to identify any potential risks.

Evidence of the childrens' understanding will be recorded digitally in their Google Classroom folder, which is passed up through each school year, as well as in the class's 'Big Book'. KS1 also have a physical computing folder which they can use to store any other computing work. At the end of each unit, there is a teacher assessment completed to aid future planning.