



# Lifton Primary School

## Statement of Intent for Computing

### Intent

**Why do we teach computing? Why do we teach it the way we do?**

At our school, we want pupils to be MASTERS of technology and not slaves to it. Technology is everywhere and will play a pivotal part in the lives of our children. Therefore, we want to model how to use technology positively, responsibly and safely. We want our pupils to be creators and our broad curriculum encompassing computer science, information technology and digital literacy reflects this. We want our pupils to understand that there is always a choice with using technology and as a school we utilise technology to model positive use. We recognise that the best prevention for a lot of issues we currently see with technology/social media is through education.

Our knowledge rich curriculum has to be balanced with the opportunity for pupils to apply their knowledge creatively, which will in turn help our pupils become skilled computer scientists. Staff endeavour to embed computing across the whole curriculum to make learning creative and accessible for all. We want our pupils to be fluent with a range of tools to best express their understanding and

aim that by Upper Key Stage 2, children will have the independence and confidence to choose the best tool to fulfil a variety of tasks and challenges.

## **Implementation**

### **What do we teach? What does this look like?**

We have adapted the comprehensive progression document produced by ICT with Mr P. This allows staff to follow the computing curriculum, as set out in the EYFS framework and National Curriculum, and ensures that there is a clear progression of skills and knowledge in each of the key areas of computer science, information technology and digital literacy.

The majority of the computing curriculum will be embedded across the curriculum. Pupils (year 1 and above) will receive computing lessons throughout the school year, the focus of which will be computer science and an opportunity to learn new information technology skills and explore new apps and tools. These new skills can then be applied in a more focussed approach across the curriculum. Using this approach, we can use technology to enhance and demonstrate learning in a range of subjects.

Digital literacy is covered as part of computing lessons and throughout the use of technology in other subjects. In addition to this, aspects of digital literacy are addressed through the school's PSICHE lessons.

## **Impact**

### **What will this look like? By the time children leave our school they will:**

We encourage our children to enjoy and value the curriculum we deliver. We will constantly ask the WHY behind their learning and

not just the HOW. We want learners to discuss, reflect and appreciate the impact computing has on their learning, development and well-being.

We feel the way we implement computing helps children realise the need for the right balance and one they can continue to build on in their next stage of education and beyond. We encourage regular discussions between staff and pupils to best embed and understand this. The way pupils showcase, share, celebrate and publish their work will best show the impact of our curriculum. We also look for evidence through reviewing pupil's knowledge and skills digitally through tools like Google Drive and Seesaw and observing learning regularly. Progress of our computing curriculum is demonstrated through outcomes and the record of coverage in the process of achieving these outcomes.