**INTENT**

**Statement of intent for Computing**

**The intent identifies what our pupils need from our Computing curriculum:**

**Our pupils need:**

- a high-quality computing education which equips children to use computational thinking and creativity to understand and change the world.
- to deepen their tolerance and respect for others through their awareness of On-line safety, for themselves and the safety of others
- to develop their skim reading and retrieval skills through the use of researching topics and information;
- to confidently and politely argue orally for the validity of their views on any given topic by rooting their discussions in sound factual knowledge;
- improve research skills to develop better understanding of factual information and opinion-based information
- a curriculum to teach children key knowledge about how computers and computer systems work, and how they are designed and programmed.
- the opportunity to gain an understanding of computational systems of all kinds, whether or not they include computers.

## Opportunities and Experiences in Computing for pupils at Cirencester Primary School

**ALL pupils will:**

By the time our pupils leave Cirencester Primary School, they will have gained key knowledge and skills in the three main areas of the computing curriculum: computer science (programming and understanding how digital systems work), information technology (using computer systems to store, retrieve and send information) and digital literacy (evaluating digital content and using technology safely and respectfully).
The objectives within each strand support the development of learning across the key stages, ensuring a solid grounding for future learning and beyond.

This will be achieved through high-quality and ambitious teaching where we build children's knowledge skills and concepts sequentially so learning opportunities reflect the needs of all pupils and which provides opportunities for subject-specific learning which is linked to other areas of the curriculum through research and reading, writing and mathematical skills practice.

**Our aim is to ensure that, as we cannot know our pupils' future paths, any child in our school who may wish to pursue the study of Computer Science at degree-level or above will have been provided with a solid, subject-specific foundation for their studies.**