



## Computing at St Joseph's



### Intent

We aim to equip pupils to use computational thinking and creativity to understand and change the world by understanding the principles of information and computation, how digital systems work and how to put this knowledge to use through programming. Pupils will become equipped to use information technology to create programs, systems and a range of content and become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology as active participants in a digital world.

### Implementation

Each year, children are taught three units of computing covering the strands: Digital Literacy, Computer Science and Information Technology, supplemented by an additional unit of Digital Literacy focusing on online safety based on UKCCIS: '*Education for a Connected World Framework*'.

The teaching of Computing is supported by Knowsley CLC, who provide a progressive scheme of work, resources and support from specialist teachers. Clear and well thought out sequences of learning with key assessment tasks ensure that new knowledge and skills build on what has been taught before. Discrete lessons are delivered with learning blocked to allow for clear progression in the acquisition of knowledge and the development of skills, built on prior learning. Children are also given regular opportunities to apply learning and utilise IT skills across the curriculum.

### Impact

The impact for all St Joseph's pupils, including disadvantaged pupils and pupils with SEND, is that they:

- can confidently recall key knowledge and demonstrate their understanding through clear, eloquent explanations
- can confidently apply knowledge and utilise skills across the curriculum
- are confident in using and applying technical vocabulary