



## Computing

### Intent

In computing we aim to develop essential skills through a modern, ambitious and relevant education which transfers to the modern world. We aim to equip our children to use computational thinking that will enable them to become active participants in the digital world. Computers and technology are an everyday part of life and our children need to be able to confidently access the digital world effectively and responsibly whilst understanding how to take measures to keep themselves and others safe online.

### Implementation

Technology is used as a tool to support and enhance all areas of the curriculum. The Computing subject coordinator oversees and leads the subject by monitoring, evaluating and sharing good practise. Children are taught computing in a discreet weekly lesson but also have the opportunity to apply their skills in other curriculum subjects. Children will learn to understand what algorithms are; how they are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions. They will be taught to create and debug simple programs. Children are exposed to a variety of software, including Word, Powerpoint and Excel, to record, present and create effectively. E-safety lessons are taught throughout the year to all year groups and links with our PHSE curriculum. Parents are informed when issues relating to online safety arise and further information/support is provided if required. This includes our EYFS children who are taught the importance of E-Safety from an early age.

### Impact

Progress in Computing is demonstrated through regularly reviewing children's learning and understanding which is recorded on OTrack. Children will begin to present as competent and adaptable computational thinkers who are able to use identified concepts and approaches in all of their learning. Children understand the consequences of using the internet and that they are also aware of how to keep themselves safe online. They can connect their learning about online safety with their behaviour in the wider world.