



East Ravendale CE Primary Computing Intent Statement

Intent

Through the computing curriculum at East Ravendale we aim to give pupils the necessary skills that will enable them to embrace technology in a safe and socially responsible way. We aim to furnish our pupils with the skills needed to flourish in the 21st century workplace and to become confident, independent users of technology. We want the use of technology to support learning throughout the entire curriculum, and for it to be accessible to all. As well as developing their own digital literacy, we aim for our pupils to develop their skills of creativity, problem-solving and critical thinking through the use of technology.

Implementation

Our curriculum has been developed through support and resources from Teach Computing, which have been created by subject experts using the latest pedagogical research and teacher feedback. The Teach Computing curriculum has been built around an innovative progression framework where computing content has been organised into interconnected networks called learning graphs. Pupils in EYFS develop early skills in computing and technology through a range of purposefully planned activities within the provision. Pupils in the early years will explore both working, and non-working, technology and will begin to explore how it works, what it can do and will begin to discuss and explore how they themselves can use it.

In years 1-6 computing is taught as both a discrete subject, through planned sessions, and throughout opportunities found in the wider curriculum. The curriculum content is divided into 4 key strands:

- Computing systems and networks
- Programming
- Data and information
- Creating media

Through our curriculum pupils cover all aspects of the National Curriculum.

Impact

Through an engaging, fun and innovative curriculum all pupils not only understand the content that is taught to them, but also understand the opportunities afforded to them in computing. Pupils use their knowledge and skills to become change-makers in a digital world. As pupils leave our school and move on to secondary education they are confident in their skills and are able to apply that knowledge into KS3 and beyond.