

Subject Profile

Computing

Oracy, Aspirations and Experiences underpin our curriculum decisions and support the school principles of A-E (adaptive, building connections, consistency, development and excellence.).



Intent

Deliver an exciting, engaging and broad learning experience to build upon computing skills and knowledge.

To use the three strands of computing to ensure progression.

To become confident, competent and responsible users of technology.

Expose children to ambitious, rich vocabulary.

Provide children with opportunities to learn through theory and practise in all areas of the curriculum.

Implementation

Strong Foundations

During their time in the Early Years, children are consistently introduced to the world of technology. They are exposed to relevant vocabulary early on and are given opportunities to independently build their skills, fostering computational thinking. The computing curriculum in EYFS ensures that pupils enter Year 1 with a strong foundation, enhances problem-solving abilities, encourages resilience, and supports other areas of learning. Additionally, pupils begin to develop their digital literacy and understanding of e-safety.

Vocabulary

By systematically incorporating relevant vocabulary into our curriculum, we equip pupils with the language and understanding necessary to excel in today's digital landscape.

TEACH COMPUTING

The NCCE Teach Computing scheme aims to transform computing education in schools, enhancing the development of children's skills and career opportunities.

Computer Science

At the core of computing is computer science, where pupils learn information and computation principles, how digital systems work, and programming. This knowledge enables them to excel in using information technology to create programs, systems, and various

Information Technology

Pupils are prepared to create programs, systems, and various content to develop products and solutions. They will also learn to gather, analyse, assess, and present data and information.

Digital Literacy

Computing ensures pupils become digitally literate, building connections to the digital world by using ICT to express themselves and develop ideas, preparing them for the future workplace.

Adaptive

Building connections

Consistency

Development

Excellence