

Computing and Online Safety at Jeavons Wood

At Jeavons Wood Primary School, our relevant and current computing curriculum aims to future-proof pupils by equipping them with critical thinking, coding, and digital literacy skills essential for navigating and contributing to an increasingly digital society.

We aspire to provide a high-quality computing education that fosters resilience, creativity, and confidence, ensuring all learners leave our school prepared to shape a better digital future.

Computing is transforming the way we live, work, and learn. Through engaging, real-life, and cross-curricular experiences, we empower children to thrive in a rapidly changing world where technology influences every aspect of life.

We value computer science, where pupils learn to understand and manipulate information, explore how digital systems are structured, and create and debug programs in a range of contexts. We nurture safe, responsible, and digitally literate individuals who can confidently develop and communicate ideas using technology - and know when and how to seek help.

Aims and Objectives

- To help pupils understand and apply the fundamental principles and concepts of computer science, information technology, and digital literacy.
- To enable pupils to analyse problems computationally and gain practical experience in writing programs to solve them.
- To inspire pupils to evaluate and apply technology analytically, including new and unfamiliar tools, to solve problems.
- To ensure pupils become responsible, confident, and creative users of technology.
- To teach pupils how to stay safe online, including understanding privacy, sharing responsibility and recognising risks when communicating or collaborating in digital environments.

We will achieve this by:

- Developing children's digital literacy and responsibility.
- Enhancing, enabling and embedding learning across the curriculum through computing.
- Using computing as a tool for investigation, communication, and creativity.
- Raising awareness of the importance and impact of computing in everyday life and how to react effectively safely.
- Stimulating curiosity and interest in emerging education technologies.
- Encouraging thoughtful attitudes towards computing through completing acceptable use policies at the beginning of the year, including issues of security, confidentiality, and accuracy.
- Supporting language and communication development through computing.