



Formal: Build, Technologies

At Redwood, we recognise how vital technology is—not only in supporting the Computing curriculum, but also in enriching the wider school curriculum, everyday life in our community, and, most importantly, the learning journey of each pupil. Our aim is to provide engaging, collaborative opportunities, access to high-quality content, and the chance to develop a strong understanding of online safety and new concepts in ways that meet the needs of all learners.

Our Computing curriculum is closely connected with mathematics, science, and design & technology. We aim to deliver a broad and balanced programme that helps pupils become both digitally literate and digitally resilient. As technology continues to evolve, our goal is to prepare pupils to use, create, and express themselves with confidence through digital tools—skills that will support them throughout adulthood and enable them to be safe, active participants in a digital society.

Through our Computing curriculum, pupils will:

- Be responsible, confident, and creative users of technology.
- Know how to stay safe online, protect themselves, and support others.
- Use data and digital tools respectfully and responsibly.
- Apply a range of technologies, including new or unfamiliar ones, to solve problems.
- Build practical programming skills and apply computational thinking to real-world challenges.
- Understand the core principles of computer science, such as logic, algorithms, and data.
- Be digitally literate and actively engaged in the digital world.
- Develop the confidence to use technology effectively throughout their lives.
- Recognise the rules and responsibilities around how information is stored, shared, and managed.
- Approach technology with curiosity, creativity, and a positive “can do” attitude.
- Apply computational thinking beyond the Computing classroom.
- Understand and follow SMART e-safety rules.
- Know how online safety guidance applies to them and where to seek help when needed.
- Transfer their digital learning to different contexts, including school, home, and beyond.

At Redwood, technology is more than a subject—it is a foundation for learning, creativity, problem-solving, and safe, responsible participation in the digital world.

