

Wenlock CE Academy

Computing Curriculum Intent, Implementation and Impact

INTENT

- At Wenlock CE Academy, we aim to prepare our pupils for their future by giving them the opportunities to gain knowledge and develop skills that will prepare them for an ever changing digital world.
- We deliver a carefully structured sequence of lessons designed to equip children with the skills required to meet the national curriculum. This ensures that pupils gain a comprehensive understanding of various aspects of computing and its impact on their daily lives.
- Our curriculum is intentionally designed to help pupils become proficient in a wide range of digital tools, programming languages, and digital platforms.
- Our curriculum focuses on nurturing a genuine passion for technology while fostering critical and creative thinking, empowering students to solve real-world problems through innovation and digital literacy.

IMPLEMENTATION

- Our Computing curriculum is thoughtfully sequenced and designed with well-structured lessons that build on prior knowledge, ensuring continuity in learning.
- We use Purple Mash as a comprehensive scheme of work, addressing the statutory aspects of the National Curriculum. We use the mixed age planning resources for one class due to having a class with different age groups.. Teachers adapt the resources to meet the specific needs and interests of each particular cohort.
- From the moment students join us in Year 3, they are introduced to new digital skills, which are progressively developed as they advance through their journey at Wenlock. We focus on and develop in three predominant areas of computing(Most of the units will include more than one strand throughout):
 - Digital Literacy

- Computer Science
- Information Technology
- Pupils experience a wide array of activities, including coding, debugging, computational thinking, digital creativity, and online safety education.
- Differentiation is an integral part of our approach, allowing us to meet the diverse needs of all learners. This ensures that every pupil has the opportunity to progress and reach their full potential.
- We emphasise that Computing is not taught in isolation but is interwoven across the curriculum, creating meaningful and authentic learning opportunities.
- A strong focus is placed on developing online safety awareness. Lessons on cyber security, digital footprints, and responsible internet usage are embedded throughout the curriculum. Pupils are taught how to stay safe online, safeguard their personal information, and navigate the digital world with confidence and responsibility. A unit on online safety is taught every year and will be revisited throughout the year using our Jigsaw scheme.

IMPACT

- Our pupils demonstrate a positive attitude toward Computing, showing enthusiasm for learning and a strong curiosity to explore new technologies.
- Pupils leave Wenlock equipped with the essential knowledge and skills needed to succeed in further education and thrive in an increasingly digital world.
- With a strong emphasis on online safety, this ensures that pupils develop the critical awareness and practical skills to navigate the online environment securely and responsibly, preparing them to face the challenges of the digital age with confidence.