

Computing

Intent

At Creeping St Mary CEVAP School, we want pupils to be independent, forward thinkers of technology. Technology is ubiquitous and will play a pivotal role shaping and influencing pupils' lives. Therefore, we aim to model and educate our pupils' on how to use technology that helps them to stay safe and be responsible and respectful. When teaching computing, we equip children with the skills required to enable them to maximise their potential: skills such as resilience, independence, critical thinking, communication skills and problem solving.

We intend on delivering a broad curriculum within a progressive sequence. We recognise that Computing unlocks pathways for children to be inquisitive individuals and provides a balance of structure and a canvas for digital artists to share their learning in creative ways. We understand that these opportunities create equality for all children. Staff are encouraged to immerse Computing to make learning creative and accessible. We aspire for our children to take pride in their work and to become competent with a varied range of tools that best expresses their understanding. We aim for children to become confident users of computing and responsible digital citizens who are ready to meet the challenges of their digital future. We intend to provide a stimulating environment that encourages children to discuss, reflect and appreciate the impact that Computing has on their learning, development and wellbeing. Through computing lessons, assemblies and PSHE sessions, we also aim to teach our children about computer scientists from a range of diverse backgrounds.

Implementation

We use Purple Mash as a cohesive scheme of work addressing the statutory aspects of the National Curriculum. Computing is branched into three aspects: Computer Science; Information Technology; and Digital Literacy. Our pupils are set a relevant, challenging continuum of age-related skills and knowledge. The Long Term plan for Computing (available on the school website or via the school office) shows what each class is learning this year. Assessments are conducted at the end of each unit and progression is tracked throughout the years.

Impact

We encourage our children to enjoy and value the curriculum that we deliver. Finding the right balance with technology is key to an effective education and a healthy lifestyle. We encourage regular discussions between staff and pupils to best embed and understand this. The way pupils showcase, share, celebrate and publish their work will best show the impact of our curriculum. We look for positive impact through observing learning regularly and reviewing pupil's digital skills through tools across Purple Mash. Progress of our Computing curriculum is measured through outcomes and the record of coverage through work saved in pupils' personal document folders and saved 'to do' content electronically.