



Computing Intent

We deliver exciting and innovative Computing lessons that allow the children to access and understand the uses of a wide range of computing skills and competencies. Spreadsheets, designing presentations and coding are all examples of how skills that will be needed throughout their lives can begin in early education. Research skills and the ability to locate and assess information found online allows the children to use Computing independently to help in every aspect of their education. Making Internet Safety integral and over-arching in all Computing lesson, and across the wider curriculum, means the children develop into competent, critical-thinking, digitally-literate and confident users of technology both at school and in the wider world.

Computing Implementation

Computing lessons are planned and taught based on the National Curriculum and linked to the topics and enquiries for each year group wherever possible. They are engaging, challenging and motivate children to improve their computing skills. The long-term plan also reflects this and shows the progression of skills and knowledge throughout the year groups. The use of the Purple Mash website allows teachers and children to work collaboratively and safely. Purple Mash covers the majority of objectives for all year groups and allows them to complete, save, retrieve and edit work either set by the teacher or completed independently. Where there are identified gaps in coverage, the teachers use a range of other software and resources to ensure full coverage; apps on the tablets for music creation, Scratch for more advanced coding and Google Slides and/or Docs to produce presentations based on independent research. Internet Safety is covered in all aspects, specifically in the use of SMART thinking when online and the taking part in the annual Safer Internet Day as well as half-termly discrete Online Safety teaching.

Computing Impact

By delivering engaging and exciting Computing lessons, staff are able to use teacher assessment to inform future planning. Staff both support and challenge children appropriately within lessons to ensure progression and development. Assessment is used regularly, using end of year expectations to ensure that full coverage of the curriculum is taught throughout the year. Computing lessons develop children's confidence and encourage determination to improve and learn new skills. This will help the children develop into proficient and confident users of Computing in many aspects of the school curriculum.