

Bow Community Primary School Computing Vision Statement



Through our computing curriculum at Bow we aim to give our pupils the life-skills that will enable them to embrace and utilise new technology in a socially responsible and safe way in order to flourish. We want our pupils to be able to operate in the 21st century workplace and we want them to know the career opportunities that will be open to them if they study computing. We want children to become autonomous, independent users of computing technologies, gaining confidence and enjoyment from their activities. We want the use of technology to support learning across the entire curriculum and to ensure that our curriculum is accessible to every child. Not only do we want them to be digitally literate and competent end-users of technology but also through our computer science lessons, we want them to develop creativity, resilience, problem solving and critical thinking skills. We want our pupils to have a breadth of experience to develop their understanding of themselves as individuals within their community but also as members of a wider global community and as responsible digital citizens.

Implementation

At Bow, computing is taught in discreet computing lessons. The computing curriculum is delivered through our own scheme of work, influenced by the national curriculum, Somerset schemes and adapted to fit the infrastructure we have in place at school and so that it can meet the needs of all our pupils. Our scheme has been closely referenced against the 2014 National Curriculum attainment targets in order to ensure progression and coverage. Having discreet lessons means that the children are able to develop depth in their knowledge and skills over the duration of each of their computing topics. Where appropriate, meaningful links will be made between the computing curriculum and the wider curriculum. In computing lessons, the children will use either iPads, Chromebooks or the computer suite in order to access a range of apps and software. Discreet computing lessons will focus on the curriculum skills of information technology, digital literacy and computer science through lessons in 'Multimedia', 'Programming', 'Online and e-safety' or 'Data'. Children's progress will be assessed and records of the different outcomes will be saved on our staff folder.

Impact

Our computing curriculum gives children the opportunity to develop their skills in typing, word processing, blogging, coding and much more. The curriculum is fun, engaging and is enjoyed by all!

We measure the impact of our computing curriculum by:

- Discussions with the children about their views and experiences of the computing skills they are learning by their teacher and the subject leader.
- Observing the pupils ability to complete tasks independently or with support.
- Observing how children apply the skills learnt in computing to other areas of the curriculum such as English, Maths and other curriculum areas.
- Regularly reviewing and discussing children's understanding of internet safety issues and how to keep themselves safe online.
- Analysis of work produced by the teacher and subject leader.