

INTENT

We believe in inspiring our children to be **curious** about the potential of computing constantly asking them exciting and thoughtful questions about the subject and encouraging them to have the **confidence** to do the same.

We value the development of high quality **communication** skills in computing, particularly in terms of word processing and keyboard skills as these skills enable them to use computing **confidently** and effectively. We also encourage and support the acquisition and use of age-appropriate, aspirational and relevant computing terms to aid their discussions and their processing.

We encourage our children to make **connections** in all their learning within computing lessons and also making relevant and useful links with other subject areas. We give children opportunities to identify situations where computing could be used to solve a problem in their learning better than it could be solved without computing. We believe in teaching computing in a **creative** way using the widest variety of ICT sources and resources possible to inspire our children's interest.

We celebrate progress and challenge in all our ICT lessons and encourage our children to show **compassion** to others as they share their own creations, ideas and successes within computing lessons.

Implementation

We follow the National Curriculum for computing and currently use the Department of Education approved Barefoot computing blocks to support our teaching of the subject.

We teach designated computing lessons every term in both KS1 and KS2 but we also look for other regular opportunities, where relevant, to use and apply our computing skills across all the other subjects.

Some of the work produced during computing lessons is kept in a computing book and other items are saved into children's folders on the PUPIL folder on the laptop desktops.

We also celebrate further research done at home, and computer creations, that children are encouraged to produce in their home learning, such as the use of Minecraft to create river scenes to support a geography topic.

All children in KS2 have access to their own laptop for computing lessons and to use during other subject lessons where relevant. In KS1 there are laptops in the class which all children can use, and they can borrow the laptops from KS2 when they need to teach a whole class computing lesson. We also have 2 IPADS which are predominantly used to support the use of learning Apps and also for photography and film blocks.

We look for opportunities for the children to develop their word processing skills as often as possible, so that their typing speeds when using the computer do not hinder progress in their lesson.

Our ICT lead Dean provides relevant and up to date ideas and support for computing lessons to ensure teachers are aware of new innovations and shortcuts.

Impact

We use end points in our progression document, which are linked to the national curriculum, to ensure that all children make age-related progress and achieve in computing. Teachers assess their children against these end points at the end of each block of learning in order to ensure progression and coverage.

Children's work is kept in individual folders on laptops to make their work easy to assess and also to share.