

Intent Statement for Computing



Progress

Our Computing curriculum is designed to equip our children to safely use a range of information technology. The skills they learn in Computing help to prepare them to use and engage with the technology they will use later in life. Computing allows our children to develop skills in finding, exploring, sharing and presenting information. These skills support our children to problem-solve, investigate and express themselves in a variety of ways, using a variety of forms. At the core of our curriculum is safe use of the internet; we teach children about staying safe when using the internet and how to behave responsibly online.



Enrichment Activities

We have a range of laptops and iPads for children to use. Children are taught from an early age to safely, independently access these.

Children, particularly in KS2, are encouraged to log onto a range of games and websites at home, for example Purple Mash, MyMaths and TT Rockstars to consolidate learning.

The online learning platform, Seesaw is used in some classes to enable children to post home learning and receive feedback from their teacher.



Content and Sequencing

Our teaching sequences are planned to ensure coverage of the National Curriculum. Prior learning is built upon and misconceptions are addressed. Relevant vocabulary is taught and used throughout each lesson; teachers refer to the vocabulary section of the progression document to ensure an appropriate level of challenge.

Teachers use our progression of skills document to ensure previous concepts are built upon and that children's knowledge is deepened within each year group.



Cross-Curricular Links

Teachers choose whether to have a weekly Computing lesson or 'block' sequences of lessons. However they plan, where appropriate, teachers will always make links to other subjects across the curriculum. Examples include using spreadsheet and graph software in Maths and Science, using PowerPoint to create presentations in History and Geography and using Word to type up a newspaper report.

Not only do these links provide children the opportunity to practice and develop the skills learnt in Computing, but they also give purpose and meaning to the work.