

Computing at Goodrich C of E Primary School

Our children are taught Computing via a mixture of isolated Computing lessons and cross-curricular learning. As a school we have an IT hub which have a set of desktop PCs, a set of lap tops and each class has an iPad. At Goodrich Primary School, we follow the National Curriculum for Computing and the children have regular opportunities to practise the Computing skills they have been taught, in other lessons in order to support their development of digital literacy, in a variety of contexts.

All classrooms have an interactive whiteboard, which is used by the teacher to make lessons more visual and exciting. The children also use the whiteboards in order to support their learning. We are also equipped with various other Computing equipment, including Beebots, class iPads, data-loggers, laptops and digital cameras.

Our aim is to provide our children at Goodrich with well-developed, transferable Computing skills in a broad range of areas including data handling, research, modelling and programming, word processing and digital imagery, through the teaching of the National Curriculum objectives, outlined below.

Computing National Curriculum

Computing has deep links with mathematics, science and design and technology. Computing ensures that pupils become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology.

The national curriculum for Computing aims to ensure that all pupils:

- Can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation.
- Can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems.
- Can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems.
- Are responsible, competent, confident and creative users of information and communication technology.