

ICT

At Foxyards we are lucky to have an ICT suite and other resources which allow us to teach computing. We have online resources that support all aspects of the curriculum, not only computing. From Reading Eggs and Mathletics, to Purple Mash and Scratch, we try to ensure that children have a rounded computing experience.

We aim to teach children to be safe in aspects of their lives, and particularly online as the world speeds up and information is readily accessible. E-safety is extremely important, both in school and outside, and we try to link aspects in to all areas of the curriculum, not only in computing.

In Foundation stage, Children will be taught to recognise that a range of technology is used in places such as homes and schools and select and use technology for particular purposes.

In key stage 1, Children will be taught to: design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts, use sequence, selection, and repetition in programs; work with variables and various forms of input and output, use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

In key stage 2, Children will be taught to: understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions, create and debug simple programs and use logical reasoning to predict the behaviour of simple programs.

