

Curriculum Intent: Computing

“ Children need to be able to use technology safely. They need to keep their personal information private and treat other people with respect. If something goes wrong, or they see something they don't like, they should know what to do and where to go for help.

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At Kingham Primary School, our intention is for our pupils become digitally literate and able to develop their ideas and skills in order to become successful digital citizens at school and into their future workplace and lives.

Our progressive Computing curriculum is taught from Y1-Y6. Skills are developed and built upon each year. We aim to embed Computing throughout all areas of our curriculum, thereby ensuring that the pupils gain knowledge and skills in each topic and key stage. The Computing curriculum is divided into three areas: Digital Literacy/E-Safety, Computer Science, and Information Technology:

Digital Literacy/E-Safety: Children need to be able to use technology safely. They need to keep their personal information private and treat other people with respect. If something goes wrong or they see something they don't like they should know what to do and where to go for help. In all year groups, bur pupils access E-Safety lessons in which they are taught to follow the SMART Computing rules.

Computer Science: Central to our curriculum is Computer Science, in which students are taught the principles of information and computation, how digital systems work, and how to put this knowledge to use through programming.

Information Technology: This strand of our curriculum ensures that pupils learn to create, retrieve, combine and manipulate digital content. Pupils are taught about computer networks, the world wide web and the internet and how they operate. Pupils are given opportunities to apply IT across all other subject areas.