

Computer Science At Chislet Church of England Primary School

At Chislet Church of England Primary School we teach Computer Science in line with the guidelines from the New National Curriculum.

Under the guidelines children learn three main strands within the computing curriculum.

Computer Science

Throughout their Primary Education children will develop computational thinking skills and design and create their own digital content. This provides our school with an exciting opportunity to engage children in becoming digital creator rather than passive consumers. (Taken from our i-compute curriculum)

The three areas of learning are...

1. Computer Science
2. Digital Literacy
3. Information Technology

Digital Literacy

One of the aims of the new curriculum is to allow children to become digitally literate. This means that not only should they be aware of the different programmes and technology available to them but also know how to use them correctly and importantly safely.

Digital Literacy

Children face new technology on a daily, basis. New challenges arise and, unfortunately, so do new dangers. Children need to know how to keep safe and make sure they are not allowing themselves to become vulnerable to outside motives.

Information Technology

As well as the many new aspects to teaching computing that have been introduced the teaching of programmes such as word, publisher and Power Point are also included. We try to incorporate this teaching across the curriculum so that children can use these programmes and more when learning Literacy, Maths, and Science etc.

Our Curriculum

We have purchased the online 'i-compute' programme of studies to follow when teaching Computing. This curriculum follows the guidelines of the National curriculum to provide a scaffold of learning making sure children get a good in-depth study of Computing.

Our Curriculum

The curriculum offers the children the opportunity to use different programmes, apps etc. during their topic sections.

Some activities use computers but a lot also have children understanding algorithms and how to read, write, follow, correct (debug) and change them.

Our Curriculum

With the way the job market is changing it is likely that by the time our children enter the workforce most professions etc. will be using new technology. Therefore we aim to give children the foundation knowledge needed to use this technology and be ready for 'The real World' when they enter it.