



Computing at Buttsbury

At Buttsbury Infant School the **intent** of our curriculum is to enrich the children's knowledge and understanding of how to use different hardware and software, so that they become life long learners and confident users of different technology both inside and outside of school. Keeping safe online and offline is paramount and we ensure the children learn how to keep safe when exploring the world wide web.

How is computing **implemented** at Buttsbury Infant School?

We encourage a healthy growth mindset by promoting social skills including good manners, resilience, perseverance, self-awareness, consideration and cooperation. The curriculum supports children to become fantastic role models and the very best versions of themselves.

Units of learning are blocked, well sequenced and build on previous learning. Lessons ensure that progress is achieved through small steps, allowing children to develop their subject knowledge, consolidate skills and apply their learning. Strands in computing include: Digital Communication and Sharing Information; Collecting, Analysing, Evaluating Real World Data; Control and Programming; Producing and Editing Media; and Modelling and Simulations, and safety.

At Buttsbury Infant school, computing lessons may include:

- Identifying and using different technology around us- both online and offline.
- Mastering technological knowledge.
- Programming and debugging algorithms and creating a string of instructions.
- Developing keyboard, touchpad and mouse control.
- Working as a team and encouraging each other to succeed.
- Keeping safe all the time when using different technology and knowing what to do when situations may arise.
- Applying mathematical and literary skills and knowledge on different programs and apps.

What is the **impact** of the computing curriculum on our children?

Our curriculum revolves around fun and interesting lessons which result in learners who are confident and capable users of technology both on and offline. The children's engagement with a variety of software and hardware builds their confidence to become life long learners and users of technology who can use different programs safely and responsibly at school and at home.

As a result of our computing curriculum, children are equipped with the necessary knowledge and skills for the next stage of their education at infant school.

What our children say about computing

EYFS- "We've learnt how to use a keyboard, all the letters are in the wrong place."

Year 1- "We have learned so much about using the computers. I can log into the chrome books and using Paintz.app to paint like different artists."

Year 2- "I love doing computing. I love the 'Coding for Carrots' program. I got to the last level by coding the bunny to get all the carrots."