

Computing

Intent



At Chuter Ede, we are computer scientists.

Our intent is for children to:

- ...learn about the 3 strands of computing; Digital Literacy, Information Technology and Computer Science.
- ...know that computing and technology is a fast changing area that is constantly developing in the wider world.
- ...develop knowledge and skills that enable them to acquire, store, manipulate and interpret information.
- ...be able to collect, organise, process and present information for specific purposes by electronic means.
- ...develop an understanding of how to make own programs and algorithms – becoming creators rather than just consumers.
- ...know how to participate effectively and safely in a digital world, and are responsible users of technology online through e-safety lessons.
- ...have a range of key skills essential for participation in today's society and economy.
- ...develop confidence using technical vocabulary to discuss information technology, digital literacy and coding.
- ...be able to think critically about, analyse on reflect on their own and other's coding.
- ... discuss how the use of computers and technology impacts on day to day life.
- ... explore and discuss how to stay safe online and be responsible users.
- ...explore programs and devices that enable children to reflect on uses and purposes and enable them to see themselves as having the potential to be coders and creators.
- ...use Scratch online (KS2) and Google drive to enable them to see their own improvement and to empower them to be confident in their progress.
- ... reflect on the impact the 3 computing strands have on the wider world.
- ...take advantage of computing opportunities and understand its effects.
- ...use different computing platforms, such as Google drive and Scratch coding are see how they are utilised and explored to enable useable skills in their future lives.
- ...be adept at working independently or collaboratively on a computing project.
- ...be responsible, active participants in a digital world.

"Valuing everyone and aiming for our best"