

Chancel's Curriculum - Computing



Impact

Our curriculum leads to good outcomes and results for the pupils at Chancel Primary School. We are consistently in line and above national averages for outcomes at the end of EYFS, KS1 and KS2.

Pupils leave Chancel Primary School with a secure understanding of computing and internet safety due to the quality of teaching provided.

Intention 1: to develop our learner's learning (our head and body: what we learn)

We strive to give our students a wide and balanced computing curriculum that builds on existing knowledge year after year. Using a range of programs and hardware, children are taught various topics such as coding, Microsoft Office, spreadsheets and databases, animation, 3D modelling, online safety and more. To understand the importance of digital networks in society, education, the workplace and beyond.

Intention 2: to develop the character of our learners (our heart and character: who we are when we learn)

All children are encouraged to believe in their ability to master computing and are empowered to succeed through curiosity, tinkering and perseverance. Pupils will build their confidence and self-esteem with lessons in all year groups throughout school using coding, debugging, email and databases as well as other practical activities. The impact of the learning will be to provide children with a sense of computational thinking, to be accepting of a digital world, to be computer literate and to demonstrate tolerance and equality. We measure this by the work they produce as well as the behaviours and vocabulary used around technology seen by members of our school community.

Intention 3: to develop behaviours and habits to become effective learners (our actions and attitudes: how we act when we learn)

Pupils are given the time and opportunity to fully understand, explore and apply skills and ideas in different ways, including trial and error, in different situations and in different subjects. This enables pupils to fully grasp a concept and understand the relevance of their learning. This then will be applied to multiple instances in their lives. With the ever-growing digital world we live in, children will become more resilient, determined and motivated to succeed and achieve with the skills and knowledge that they have acquired.

Intention 4: to develop the moral compass of our learners (our place in the community and wider world: who we are)

Our children will be motivated and encouraged to believe in their computing ability and leave our school fully equipped to have success in further education, have new doors opened in the world of computing through coding, programming or data analysis and have built an online etiquette as well as the foundations for later life when searching for employment that may utilise computers. They will become confident and vigilant with the potential dangers of the internet ready to educate others, old and young, on how to be safe online.

As a result of our Computing teaching at Chancel Primary School you will see:

- Engaged children who are all challenged.
- Confident children who can all talk about computing and their learning, demonstrating a clear understanding of internet safety and the potential dangers from it.
- Lessons that use a variety of resources to support learning.
- Enrichment opportunities, including: Safer Internet Day, eCadets, Coding Club
- Learning that is tracked and monitored to ensure all children make at least expected progress.