

Filey CE Nursery and Infants Academy

Computing at our school.



"I am a computer expert!"

School Computing Lead: Katrina Ring

Our Computing Teaching Offer

Our Computing curriculum is inclusive and well sequenced covering three core strands: digital literacy (including e-safety), control systems and information technology.

- **EYFS pupils** - will be exposed to a variety of technology around school to enhance their learning. They will have experiences aimed at pre-teaching key computing concepts, enabling them to be ready for more explicit teaching of the computing curriculum in KS1.
- **Year 1 pupils** - receive computing lessons including plugged and unplugged activities. They will develop an understanding of what technology is and the use of information technology in the world around them. They will begin to build an understanding of computing control systems and learn to access school Chromebooks independently in preparation for Year 2.
- **Year 2 pupils** - receive computing lessons including plugged and unplugged activities. They will deepen their understanding of the many uses of information technology. They will become confident learners using school Chromebooks to work collaboratively and creatively.

We aim to equip our learners with the knowledge and skills to grow within our ever changing digital world by infusing technology throughout the curriculum. We aim to create responsible digital citizens of tomorrow who use technology with respect and confidence.



E-Safety

E-safety is a key curriculum priority. We work to develop a culture of e-safety within our school supporting children in developing an understanding of how to stay safe and be respectful online in a manner that is age and stage appropriate. Children receive termly e-safety specific computing lessons and re-visit this key topic regularly throughout all areas of learning.

Chromebooks

In Year 2 we have a 1:1 Chromebook ratio. Throughout the year children work towards using the Chromebook daily to support their learning across all curriculum areas.

Children in Year 1 learn to independently access Chromebooks and by the end of the summer term access them weekly in order to best prepare them for Year 2.



What does computing look like at Filey?

- Teaching follows carefully designed and mapped progression across and within year groups.
- Children take part in unplugged practical activities to develop their understanding of key technical concepts, before applying their understanding to plugged activities for example through the use of Chromebooks and BeeBots.
- Technology is used through all areas of the curriculum to support learning and provide enhanced experiences for all.
- Children develop key life skills including; collaboration, communication, problem-solving, critical thinking and creativity.
- Children are engaged and having fun.

Assessment and Monitoring

Children are regularly assessed in their progress by class teachers using school specific progression documents. The subject leader regularly monitors the delivery and impact of computing across the school.

