

Crabtree Farm Primary School

Computing Intent, Implementation and Impact

At Crabtree Farm, by the time children leave our school, we want them to be equipped to use technology positively, responsibly and safely in an ever-changing technological world.

Intent

At our school, iCompute supports the teaching of computing inclusively to all children by providing a rich, broad and balanced computing curriculum fully mapped to the National Curriculum. Our teachers integrate technology across all areas of the curriculum in ways which are appropriate for our learners. Our dedicated computing lessons are mapped to develop children's skills in all three strands of the computing curriculum: Computer Science, Information Technology and Digital Literacy (including eSafety).

Implement

Our subject lead is supported by iCompute to offer expertise in primary computing education and has appropriate knowledge and skills to design an inclusive and enjoyable computing curriculum. Our children are taught around six hours of computing per half-term, using a variety of different apps and platforms. Every child can enjoy and succeed in computing when offered appropriate learning opportunities, regardless of technological ability. Our children are taught through whole-class interactive teaching, with opportunities to be challenged and inspired. Our lessons are sequenced so that concepts are developed in logical steps with cross-curricular links to embed and reinforce ideas. Our overview for Computing, which identifies when in the year each area is to be covered, supports staff in making cross-curricular links to ensure a cohesive and creative curriculum allowing for maximum impact and teaching opportunities.

Impact

The way our children showcase, share, celebrate and publish their work will best show the impact of our curriculum and ensure our children are ready for the next year/key stage of their education.

We will measure the impact of our curriculum through the following methods:

- Practical evidence – taking photographs or screenshots of lessons and/or projects
- Evidence saved on the 'student share' (running programmes etc)
- Children's written work
- Monitoring planning and objective coverage
- Lesson observations and drop ins
- Interviewing the pupils about their learning (pupil voice) across KS1 and KS2
- Learning walks across EYFS
- Children's understanding of how to be safe online
- Use of skills ladders to monitor progression