ICT AND COMPUTING AT WEAVER PRIMARY SCHOOL

INTENT

At Weaver, we want our pupils to be confident, responsible and safe in their use of technology. We give them opportunities to gain knowledge and develop skills that will prepare them for an exciting digital world. Our broad curriculum encompasses computer science, information technology and digital literacy with strands that are revisited through a range of themes across the Key Stages to ensure learning is embedded. Children are encouraged to use technology creatively, not simply be consumers of it and we model the positive use of communication technology including social media. We understand the accessibility opportunities technology can provide for our pupils and so staff embed computing to engage children and enrich experiences across the wider curriculum. We want our pupils to be fluent with a range of tools to express their understanding and our intention is that by Upper Key Stage 2, children have the independence and confidence to choose and use effectively the best tool to fulfil the challenge set by teachers.

IMPLEMENTATION

Our progression document for Information Technology and Computing shows the knowledge and skills statements that are built on each year to deepen understanding and challenge learners. Much of our computing is embedded across the wider curriculum, but in addition to this each class has a timetabled dedicated computing lesson in the ICT suite or with the class set of iPads.

INFORMATION TECHNOLOGY	COMPUTER SCIENCE	DIGITAL LITERACY
Word processing	Computational Thinking	Self Image and Identity
Data Handling	Programming	Online Relationships
Presentations, web design	Computer Networks	Online Reputation
Animation		Online Bullying
Video creation		Managing Online Information
Photography and digital art		Health, Wellbeing and Lifestyle
Augmented reality and Virtual		Privacy and Security
Sound		Copyright and Ownership

IMPACT

The implementation of this curriculum ensures that when children leave Weaver Primary School, they are competent and safe users of ICT with an understanding of how technology works. We encourage our children to enjoy and value IT and Computing Science and understand the impact technology has on their learning, development and wellbeing. The way our pupils share, celebrate and publish their work will best show the impact of our curriculum. We look for evidence by reviewing pupil's knowledge and skills digitally through tools like Seesaw, Scratch and MakeCode and observing learning regularly. Pupils' progress is demonstrated by a record of coverage towards achieving outcomes at the end points as detailed on the Progression Plan.