



# St Lawrence C of E (Aided) Junior School Curriculum Statement



## Computing

### Intent:

Why do we teach it? Why do we teach it in this way?

Computing (ICT) at St. Lawrence aims to prepare children for a successful future when using technology by giving them the skills to succeed in a diversifying digital age. Children's knowledge surrounding computing is of increasing importance as technology develops and becomes prevalent in both our daily lives and future employment opportunities.

### Implementation:

How do we teach it? What does this look like?

The computing curriculum at St. Lawrence is shaped around our school vision, enabling all children, regardless of background, ability and additional needs, to succeed in their learning of ICT. We adhere to the National Curriculum, ensuring that skills are built on year upon year and sequenced appropriately to maximise learning for all. We revolve our teaching around three key strands: computer science (coding), desktop publishing and online skills.

Within computer science, children practise core coding skills to meet of a specific function, programming animations, games and stories.

Desktop publishing provides opportunities for children to use applications and software to present information, format data as well as exploring art and design using multimedia.

Our online skills topics apply the principles of internet research skills (applying also to the wider curriculum), online safety and cyber-bullying. We cover the latter two topics again during Anti-Bullying Week and Safer Internet Day within our calendar year at school. This strand is also embedded within certain PSHE topics too.

### Impact:

By the time children leave St Lawrence they will:

have fundamental skills in coding, word processing and basic computer functions. They will be competent and safe users of technology and will have a greater understanding as to how it works. They will also have had opportunities to express themselves creatively and be literate in a range of widely used computer programmes where they can apply their skills during future challenges.