



### Vision

*'Achieving together + Learning for life in all its fullness'*

**Our vision is to be a school rooted in clear Christian values, where children participate, excel and are proud of their achievements.**

### Intent

At St Lawrence Primary School, our computing curriculum is designed around four key areas, Computing systems and networks, creating media, programming and data and information. Alongside these areas the children will also be given an understanding of Online Safety. To allow us to teach these areas successfully, we use the Teach Computing scheme to enable every child to access the learning.

### Implementation

Our children begin their journey with technology in EYFS, with access to desktop computers, the interactive board and BeeBots. Teachers facilitate children's curiosity with challenge and modelling how to use the equipment carefully and safely.

In Key Stage One children continue their understanding of technology around us and identifying how its responsible use improves our world in school and beyond. In creating media they have access to digital painting and writing, and using appropriate tools to make changes as well as capturing and changing digital photographs, or creating music. When programming the children have access to Beebots and begin to have an understanding of how to debug and program algorithms to make a robot move.

In Key Stage Two children gain a deeper understanding of the world around us and an understanding of the internet, how information can be shared or searched for. In creating media, they will be editing videos, audio, photos and animations. In programming they will be building on their knowledge of debugging and sequencing, through sequences of music, repetition of shapes and creating quizzes or games. In data and information, they will understand how to use databases and spreadsheets.

In order to enable every child to be safe online and when using the computers, at the start of every year, every child signs an agreement to show they have an understanding of being safe.

### Impact

As a result of our Computing curriculum, our pupils are able to have an understanding of technology around us and how we can safely use it. The children will have an understanding of editing video, photos, writing and music. They will be able to input data into a database and record information in different ways.

### How we support children with Special Educational Needs in this subject area:

We believe all pupils should have the opportunity to learn to the best of their capabilities through a broad and balanced, inclusive curriculum. This means that every child, including those with a Special Educational Need, should have access to a high standard of 'Quality First Teaching' throughout the day in every curriculum subject, including Computing.

In computing, our pupils with a Special Educational Need are supported by using a scheme that provides a structure that allows children to make progress from whatever their starting point. Differentiation might include classroom organisation and grouping, visual resources, pre and over learning of key vocabulary and questioning, enabling all children to reach their potential in Computing.