Computing

Learning Journey

EYFS

Engaging with technology through using the interactive whiteboard

Developing an awareness that information can be found online

Developing an awareness that not everything online is true or appropriate

Year One

Logging on and using a password

Simple pictograms

Algorithms – online Bee-Bot journey
Online Safety

Capture images and use in a programme

Record and play back sounds

Year Two

Online safety

Data retrieving and organising

Communicating

Coding

Combining text and images - Graphics

Year Five

Data retrieving and organising (research)

Online safety and personal responsibility

Formatting and editing documents

Databases – identifying incorrect data

Coding – more complex programs

Graphics and sound. Simple film editing.

Year Four

Online safety

Searching for information online, using tabbed browsing and hyperlinks

Coding – more complex programs

Databases

Communicating by email

Formatting and editing documents

Year Three

Online safety

Communicating effectively – layout

Introduction to email

Online research

Setting up a database

Simple animation with sound

Coding – more complex programs

Year Six

Retrieving and organising information
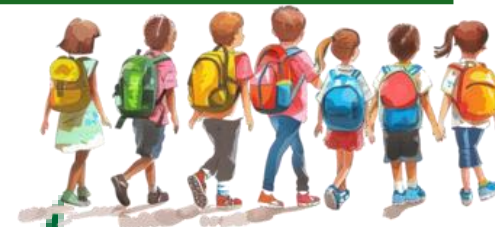
Online safety

Manipulating graphics and sound

Coding – more complex programs

Stop motion animation

Formatting and editing

Maintaining databases

Intent

At St Luke's Park Primary School, our computing curriculum is designed to equip pupils with the digital skills and understanding necessary for a technology-driven world.

We emphasize coding, creativity, and safe, responsible online behaviour, ensuring pupils are prepared to navigate and shape the digital future.

Implementation

Our computing curriculum is based on units of work with the Purple Mash scheme.

All children have their own personalised log in to this platform which supports the teaching of computing skills in a progressive way from year one to year six.

Teachers use Purple Mash to model key skills and set tasks for children to practise and apply their learning.

Impact

Pupils at St Luke's Park will become confident and responsible digital citizens, capable of using technology effectively and safely.

They will be prepared to embrace the opportunities and challenges of a rapidly evolving technological landscape.