

Computing at King Charles

INTENT

What are the aims?

The computing curriculum at King Charles intends to give our children the skills and knowledge necessary to use a range of technologies **responsibly, safely and independently**. All learning in computing follows the school's **SHINE** curriculum.

On their journey through King Charles, our aim is that children will become more independent using technology, be able to work **collaboratively** when solving problems and choosing appropriate methods of presenting their learning. We want our children to become fluent in a range of technologies.

Children will **embrace** and **enjoy** technology, understanding its importance in their daily lives and recognise that there are exciting career opportunities for all to be had in this constantly evolving area.

The intention is that children will develop a respect for technology and most importantly, understand how to keep themselves **safe** in an ever changing digital world.

IMPLEMENTATION

What does it look like?

We maintain a **clear progression** through each year group across the school. Starting in Reception, children begin to access different hardware and software, through to Year 6, being independent, responsible and safe users of a range of technologies.

To ensure progression throughout the school, Computing lessons are taught following the Knowlesley schemes of work.



Staff are encouraged to **embed the Computing curriculum across the wider curriculum** at King Charles. Computing can support and enhance learning in other subjects as well as standing alone in its own slot on our timetables.

As well as constantly revisiting internet safety throughout the school year, every year we have a dedicated **Internet Safety Week** which also supports PHSE. This runs across the whole school with a clear, planned progression. Evidence is collected and a pupil conferencing takes place to evaluate the impact.

Regular **internet safety updates** are **shared with parents** to enable this vital learning to be maintained and supported at home.

IMPACT

What are the outcomes?

Our Computing curriculum enables children to be fluent, independent and safe users of a wide range of different technologies including the internet. Computing learning at King Charles equips pupils with **experiences** which will **benefit** them in secondary school, further education and future workplaces. From research methods, use of presentation, creative tools and critical thinking, computing at King Charles gives children the **building blocks** that enable them to pursue a wide range of interests and vocations in the next stage of their lives.