Computing Intent

At Bordesley Green Primary school, we intend to provide an engaging and creative Computing Curriculum following the 'Switched on Computing' scheme of work and a range of high-quality resources to support it including the use of Class VR's . Through regular experience of skills, knowledge and computational thinking, we intend for our children to develop skills across the six strands: Programming, Computational thinking, Creativity, Computing networks, Communication/Collaboration and Productivity. Children will be provided with Computing opportunities to become independent and enthusiastic users who can tackle applications with confidence. They can use the set of transferable skills to do this also whilst at home through the use of apps on BGFL365 Launch. As they progress through school, our children will explore the different stages of computing and will become more enthusiastic, safe and independent.

The children have many opportunities to use technology across the curriculum as well as the wider curriculum, and develop their skills in:

- I**nformation Technology skills** where children use laptops and tablets to create content such as: movies, word processed documents, presentations, spreadsheets, pictograms, story books, databases and animations.
- **Digital literacy skills**; where children learn how to stay safe whilst online as well as
- **Computer Science:** where children learn the main concepts: logic, evaluation, algorithms, patterns, decomposition and abstraction, to mastering Coding programmes such as Scratch, WeDo Lego Micro:bits and Python.

Our Vision

We envisage our children approaching Computing with an open mind so that they are able to adapt to the computing systems and tactics they will encounter in the ever-changing digital world.

Focusing on the importance Computing has in the 21st century, we want for them to immediately engage an interest and instil a sense of confidence and competence. A high-quality computing education will equip pupils to use creativity to understand and change the world. Computing has strong links with mathematics, science, and design and technology and will provide insights into both natural and artificial systems.

Online Safety

At Bordesley Green Primary School, children are taught to be safe digital citizens through the emphasis we apply through our curriculum. We have an Online Safety Policy, which correlates with our Safeguarding and RHE Policy, that provides guidance for teachers, children and parents alike about how to use the internet safely. Every year group participates in lessons on e-safety and children understand how to stay safe when using technology both in school and at home. Online safety is embedded well with clear progression from Year 1 to Year 6, with Early years focusing on strands via the 'Understanding the World' strand.