

Computing Intent, Implementation and Impact

Intent

The planning and teaching of computing at Saint Nathaniel's is an essential part of the curriculum. Computing should be used as a tool to develop skills and understanding across all areas of learning.

We understand computing skills are essential for today's society, our children must have access to a wealth of learning opportunities and transferrable skills that will develop their passion and ability to thrive in a society where computing is becoming increasingly more important.

Through our thorough and robust Computing curriculum the children will be taught to use 'computational thinking' in order to solve problems and become active critical thinkers to participate effectively and safely in the digital world beyond our school.

Implementation

The children will learn a variety of skills through exciting half-termly units. They will focus on developing their computational thinking, creativity and skills in computer science, information technology and digital literacy. They will use technology safely, respectfully and responsibly and be able to recognise acceptable and unacceptable behaviour and identify a range of ways to report concerns about content and contact. Our children in Early Years will be taught about internet safety as they explore the world around them and how technology is an everyday part of their learning and understanding of the world. Teachers will feel confident to plan and deliver a challenging and engaging curriculum. A wide range of technology will be used as a purposeful tool to enhance learning across the curriculum.

Impact

After the implementation of this robust computing curriculum, children at Saint Nathaniel's will be digitally literate and equipped to use the skills they have developed to take an active role in today's digital society. They will have a secure knowledge of how to use a range of technology effectively and safely. We want all children to understand the consequences of using the internet and have a range of strategies to keep themselves safe online wherever they are.

As children progress, they will become more confident in their abilities in Computing, they will develop independence and resilience in key life skills such as problem-solving, logical thinking and self-evaluation.