



"Through God we Laugh, Love and Learn".

Our children will harness technology and draw links with other subjects, developing the skills and knowledge to safely flourish in a 21st century world.

Computing Policy





“Through God we Laugh, Love and Learn”.

Why do we teach computing at St Michael's?

Intent

At St. Michaels CE (VC) First School, we value the importance of a high-quality computing curriculum. We strongly believe that 'computational thinking' is a skill children must be taught in order to fully participate effectively in an increasingly digital world. Technology is a significant part of everyone's daily life and children should be at the forefront of new developments.

Our computing curriculum ensures that our pupils are digitally literate - able to use information and communication technology to fully express themselves and develop their ideas. We aim for children to use technology both effectively, being equipped with the skills and knowledge that they need and safely. It is a vital part of the curriculum that our children know how to stay safe online, understanding the potential risks and consequences of using the internet.

By the time our children leave St. Michael's they will have gained key knowledge and skills in three main areas:

- Computer science (programming and understanding how digital systems work)
- Information technology
- Digital literacy (evaluating digital content and using technology safely and respectfully)

Online Safety:

- Understanding the need to stay safe online and recognizing technology for 'the good'

Implementation

Our ambitious, knowledge-engaged computing curriculum enables the children at St. Michael's to become computing experts.

In EYFS the children are given opportunities to explore a variety of technology such as Mouse Bots, Ipads and time spent in the computer room. These opportunities allow the children to achieve their early learning goals using technology to enhance. We also teach the children and parents the importance of reduced screen time and the importance of this on our wellbeing.



“Through God we Laugh, Love and Learn”.

Our children in Key Stage 1 and lower Key stage 2 are taught fun and exciting weekly lessons through Teach Computing scheme of work. Our lessons are delivered in a variety of ways, sometimes classroom based, on iPads or laptops or in the computer rooms where the children have opportunities to use other technological equipment to develop all computational thinking. The children enjoy lessons such as programming, data logging, designing media and much more. As we teach the children each week they become more independent, digitally aware and literate.

Impact

The impact of our computing curriculum will be that the children at St Michael's will be digitally literate and able to join the rest of the world on its continually growing digital platform. They will be equipped with the skills and knowledge to use technology in a safer way. We want our children to understand the consequences of using the internet and how to keep them safe online. We want them to be able to safely use technology to support relationships between individuals and groups of people personally or professionally and know how their computational thinking and creativity can change the world. We hope to inspire them into becoming more confident in computing, more independent taking these skills into the world and future careers using problem solving, logical thinking and it becoming second nature.