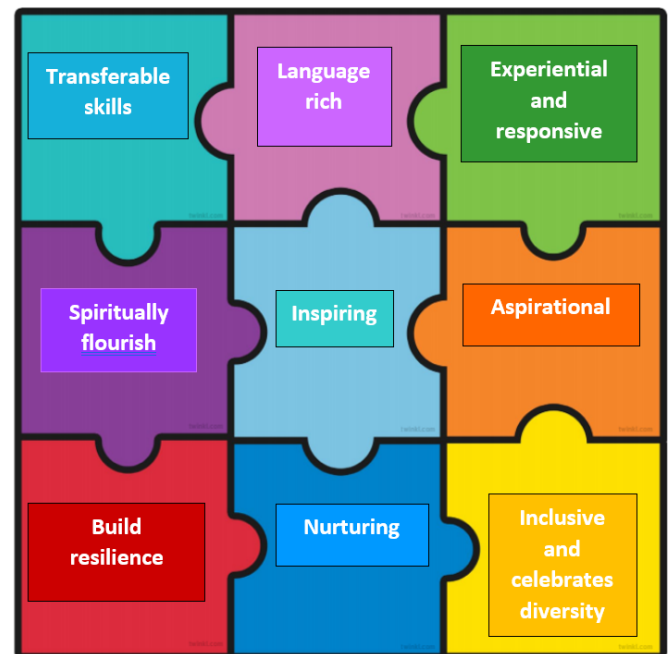


An Overview of the Computing Curriculum at St Michael's



The Lord says, 'For I know the plans I have for you plans to give you hope and a future.'
Jeremiah 29 verse 11

At St. Michael's School, Computing is designed to enable pupils to develop the foundational skills, knowledge and understanding of technology and its relevance the world. Our aim is to make the curriculum exciting and relevant, providing opportunities for our children to apply their skills confidently so that they become creators not just consumers. As a practical subject, children are encouraged to be creative, inventive and resourceful so that they develop a 'can do' mind set regardless of ability or language acquisition. We aim to provide opportunities to develop computational thinking that allows our pupils to advance their knowledge with or without the use of technology (Computer Science). Pupils will learn to select, use and combine a variety of software on a range of digital devices. Pupils will develop the skills required to review, modify and evaluate existing programmes and then design, build and evaluate programs of their own design that accomplish given goals (Information Technology).



In computing lessons, there are planned opportunities for pupils to develop digital literacy so that they are able to confidently articulate and develop ideas as active participants in a digital world. Emphasis is placed on promoting e-safety in terms of privacy and security ensuring that our pupils know how to use technology safely, respectfully and responsibly and to know a range of ways to report concerns about content and contact (Digital Literacy). We aim to offer opportunities to make real-world applications of their skills through links with other STEM subjects for communication and collaboration and so expand and fulfil their hopes and aspirations.

Pupils will learn that success comes from hard work, determination, resilience and a self-belief that they are capable of anything.

Learning is progressive and delivered through a discrete subject following the National Curriculum. Wherever possible and beneficial to learning, cross-curricular links are made. Real world applications are used to make it purposeful and engaging. The progression of learning ensures that we deliver the acquisition of skills and knowledge in a way that show clear progression from year to year with the three pillars (Computer Science, Information Technology and Digital Literacy) interconnected. Throughout the school, pupils are given the opportunity to develop, practice and revisit both their conceptual knowledge and procedural knowledge.

We measure the impact of curriculum through assessment for learning opportunities, pupil voice, data analysis and leaning observations with focus on specific criteria. Through these forms of continuous and robust assessment, individuals are identified and nurtured to ensure personal ambitions are fostered and encouraged. Pupils' enthusiasm about their knowledge of technology is used to enhance their own learning and spiritual life of the school (like when they are leading class worship). As a result, we aim for pupils to be confident, articulate and enthusiastic about their learning, and keen to share their knowledge of technology.

Pupils' good behaviour is a result of their positive engagement in the curriculum on offer. Pupils attain well, make outstanding progress from their starting points. They aspire to be the best they can be. We know we have succeeded when pupils leave year 6 fully prepared for the next stage of their learning journey in a modern, technological world.