



# Computing Intent 2023

## [#Learning for life, Anchored in Christ](#)

As a Church school, the teachings of the bible guide and influence every aspect of school life, including the curriculum for Computing, which has been enhanced/constructed to reflect our school vision, which is encapsulated by #LearningForLifeAnchoredInChrist. We believe that through working together with our unique school community, we can inspire happy, courageous, independent, curious, creative, life-long learners who are proud of their community, heritage and identity. In addition to this, as part of the Birmingham Diocesan Multi-Academy Trust (BDMAT), we also strive to provide an experience that reflects their vision, “life in all its fullness” (John 10:10).

Within an ever changing and technological world, St Clements Church of England Primary School understands and values the importance of teaching Computing from a young age. We acknowledge that future generations will rely heavily on their computational confidence and digital skills in order to support their progress within their chosen career paths. Computing at St Clements is delivered effectively by a rich and broad and balanced curriculum fully mapped to the National Curriculum for Computing. Our curriculum offers pupils a computing education designed for mastery using research-led pedagogies and cover all three strands of the computing curriculum

- Computer Science
- Information Technology
- Digital Literacy (Including eSafety)

These strands are revisited repeatedly through a range of themes during children’s time in school to ensure the learning is embedded and skills are successfully developed. Our intention is that Computing also supports children’s creativity and cross curricular learning to engage children and enrich their experiences in school.

Computing at St Clements aims to enhance pupils’ enjoyment, resilience, understanding and attainment in computing by empowering and equipping our pupils to acquire a deep, long terms, secure and adaptable understanding of the subject. It is demonstrated by how skilfully a child can apply their learning in computing to new situations in unfamiliar contexts.

Computing has deep links with mathematics, science, and design and technology, and provides insights into both natural and artificial systems. At St Clements, the core of computing is Computer Science in which pupils are introduced to a wide range of technology, including laptops, iPads and interactive whiteboards, allowing them to continually practice and improve the skills they learn. This ensures they become digitally literate so that they are able to express themselves and develop their ideas through information and computer technology– at a level suitable for the future workplace and as active participants in a digital world.