



St Joseph's Catholic Primary School – Computing Intent, Implementation and Impact Statement



Mission Statement

*“Jesus light our way on our faith journey.
Be our guide, our joy and our hope, as we learn, live, love and pray together.”*

Computing Statement of Intent

Through our computing curriculum, we aim to give our children the life-skills that will enable them to embrace and utilise new technology in a socially responsible and safe way in order to flourish. We want our children to be able to operate in the 21st century workplace and we want them to know the career opportunities that will be open to them if they study computing. We want children to become autonomous, independent users of computing technologies, gaining confidence and enjoyment from their activities. We want the use of technology to support learning across the entire curriculum and to ensure that our curriculum is accessible to every child. Not only do we want them to be digitally literate and competent end-users of technology but through our computer science lessons we want them to develop creativity, resilience and problem-solving and critical thinking skills. We want our children to have a breadth of experience to develop their understanding of themselves as individuals within their community but also as members of a wider global community and as responsible digital citizen

Computing Implementation Statement

In order for the children of St Joseph's Catholic Primary School to achieve and develop through the computing curriculum, the following measures are being implemented:

A clear and effective cross curricular scheme of work that provides full coverage of the National Curriculum. Teaching and learning should facilitate progression across all key stages within the strands of digital literacy, information technology and computer science. It is imperative that computing is viewed not just as a standalone lesson but is threaded throughout the wider curriculum in order to ensure children are fully immersed in the diverse computing curriculum and can see its value in a breadth of different areas.

An 'action plan' for the computing subject area that identifies the key goals and actions for the successful delivery of the computing curriculum throughout the school; This enables the coverage of knowledge and skills to be taught in a spiral approach, allowing children to embed knowledge and build on it in future lessons and in different year groups. This will ensure that the coverage of computing knowledge and skills is progressive throughout the school, including across the different Key Stages.

As well as a progression of knowledge and skills over time, pupils will also be fully immersed in the correct key vocabulary relevant to each stage of their learning. This will allow the children to not only be confident using the technology but being able to talk about it using accurate terminology both in school and their everyday lives.

The subject lead will monitor the available resources and teacher's confidence of teaching this area of the curriculum to ensure it is an area all feel comfortable and confident delivering. Furthermore, a moderation and observation process will be carried out by the subject lead. This will in turn, help to develop the teaching and learning of computing further within school.



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Computing Impact Statement

The impact of the Computing curriculum is that our children will enjoy and value Computing and know why they are doing things, not just how. They will understand and appreciate the value of Computing in the context of a technological world and will develop an understanding of how to stay safe online.

Progress in Computing will be demonstrated through regularly reviewing and revising knowledge and skills, in order to ensure that progression of skills is taking place through:

- Looking at children's work, over time as they gain skills and knowledge.
- Observing how they perform in lessons.
- Talking to them about what they know.

The children's progress will be recorded on the school's online assessment system.

The Computing curriculum will contribute to children's personal development in creativity and independence. This will be seen in them being able to talk confidently about their work, and sharing their work with others.