



Computing Policy

Date: November 2023

Next Review: November 2024

Mission
Together we love, learn, follow Jesus
Vision
At St Joseph's Catholic Primary School, through an open and generous heart, we learn together as a family in faith, following the gospel values of love.
Values
Hope Thankfulness Collaboration Compassion Friendship Resilience Empathy Creativity Justice Respect

Our Curriculum Intent

At St Joseph's, through the Computing curriculum, we aim to:

- Provide an exciting, rich, relevant and challenging Computing curriculum for all pupils.
- Teach pupils to become responsible, respectful and competent users of data, information and communication technology.
- Enthuse and equip children with the capability to use technology throughout their lives.
- Teach pupils to understand the importance of governance and legislation regarding how information is used, stored, created, retrieved, shared and manipulated.
- Utilise computational thinking beyond the Computing curriculum.
- Give children access to a variety of high-quality hardware, software and resources.
- Equip pupils with skills, strategies and knowledge that will enable them to reap the benefits of the online world, whilst being able to minimise risk to themselves or others.



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- Use technology imaginatively and creatively to inspire and engage all pupils, as well as using it to be more efficient in the tasks associated with running an effective school.
- Instil critical thinking, reflective learning and a 'can do' attitude for all our pupils, particularly when engaging with technology and its associated resources.
- Provide technology solutions for forging better home and school links.
- Exceed the minimum government recommended/statutory guidance for programmes of study for Computing and other related legislative guidance (online safety).

Implementation

Safeguarding: Online Safety

Online safety has a high profile at St Joseph's Primary School. We ensure that pupil needs are met by the following:

- A relevant up-to-date online safety curriculum which is progressive from Early Years to the end of Year 6.
- Through our home/school links and communication channels, parents are kept up to date with relevant online safety matters, policies and agreements. They know who to contact at school if they have concerns.
- Data policies which stipulate how we keep confidential information secure.
- The teaching of the online safety principles are threaded throughout the curriculum and in the day-to-day lives of our pupils.
- Pupils, staff and parents have Acceptable Use Policies which are signed and copies freely available.
- Training for staff and governors which is relevant to their needs and ultimately positively impacts on the pupils.



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- Our online safety policy (part of our safeguarding policy) clearly states how monitoring of online safety is undertaken and any incidents/infringements to it are dealt with.
- Scheduled pupil voice sessions and learning walks steer changes and inform training needs.
- Filtering and monitoring systems are in place for all online access.
- Record logs of dates and times are kept for iPad access.

EYFS Curriculum

Despite computing not explicitly featuring in the EYFS statutory framework, there are still many opportunities for our children to explore aspects of information technology and use information technology to solve problems and produce creative outcomes. As a school, we believe that the creating an interest in computing starts in EYFS where the children explore and experiment with aspects of information technology via Understanding of the World.

Whole-School Curriculum

As a school, we have chosen JamCoding, an outside provider, to lead our computing sessions from Y1-Y6. Their mission is 'To deliver life skills to the next generation of digital citizens.' By following this approach to the teaching of computing, we are allowing our children to receive specialist teaching whilst also exposing them to a vast range of modern technologies. Our computing curriculum has been personalised to our school and class structures whilst also remaining in line with the National Curriculum objectives. Our whole-school curriculum is enquiry based and computing is no exception of this meaning lessons are practical, engaging, knowledge based, and learning is built upon as the children progress throughout school. We are confident that this approach to computing allows all pupils to achieve their full potential.



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Impact

The impact of our curriculum will result in our children to becoming reflective and inquisitive learners who are able to use technology in a responsible, respectful and competent manner.

- Our scheme of work and lesson progression shows a clear pathway of both the skills and knowledge taught in computer science, information technology and digital literacy.
- Evidence in children's online portfolios via GoogleDrive shows a progression of skills across classes and unit assessment procedures verify this.
- Assessment data shows pupils being supported and challenged via use of 'hack sheets'.
- Floor books show evidence of whole-class learning journeys in computing. Unit overviews, examples of work and evidence of support and challenge can be found here.
- The transfer of children's computing skills into other areas of the curriculum showcase their knowledge and understanding of the subject.
- Pupil voice supports a love of learning and the enjoyment children have of our computing curriculum.