



'Treat other people as you would like to be treated'

We believe that children should be inquisitive, imaginative and resilient learners who are aspirational and flourish in the world that God has given us. Our Curriculum enables children to learn and to be able to articulate their learning, preparing them for their experience of learning at secondary school and creating a desire for lifelong learning.

Intent

At St. Peter's Catholic Primary School, teachers are encouraged to progressively develop pupils' Computing skills and capability through discrete learning opportunities, and also to exploit this capability as a tool to support objectives in other curriculum areas meaningfully. These links include, but are not limited to, the use of a range digital devices in a wide range of contexts. Both plugged and unplugged learning opportunities are planned to support pupils' understanding of the underlying concepts in Computing. These opportunities may well be presented within other subject areas.

At St Peter's Catholic Primary School, in conjunction with the aims of the National Curriculum, our teaching aims to enable children to:

- Be supported in using technology with purpose and enjoyment
- Be supported as fully as possible in achieving the highest possible standards of achievement, in line with the National Curriculum
- Develop and strengthen the underlying skills promoted by computing (such as problem solving, perseverance, learning from mistakes) and apply them elsewhere
- Develop the necessary skills to use technology to its full potential and become autonomous and discerning users
- Be able to evaluate the benefits and risks of technology, its impact on society and how to manage their use of it safely and respectfully
- Use technology to develop partnerships beyond the school
- Celebrate success in the use of technology

Pupils are designated one lesson of Computing learning a week. We use Purple Mash as a cohesive scheme of work addressing the statutory aspects of the National Curriculum. Computing is branched into three aspects: Computer Science; Information Technology; and Digital Literacy, so that our pupils are set a relevant, challenging continuum of age-related skills and knowledge for their own year groups..

Underpinned by	Computer Science	Information Technology	Digital Literacy
	<ul style="list-style-type: none"> • how computer networks work • reasoning • algorithms • sequence • selection • variables 	Creation, organisation and manipulation of digital content. Digital content could be interpreted as many things from audio to images to film and beyond. Using search technologies effectively and how to analyse, present and evaluate data.	Evaluating content and consider how reliable the information they find online is.

Implementation	Independence and monitoring	E-Safety	Assessment
	Independence is fostered in children by allowing them to be responsible for their own logins and passwords. Pupils are also informed that network and Internet use will be monitored by staff to help keep them safe. This includes monitoring of electronic communication by children through internet search filtering and access to their own personal work files through Purple Mash.	We teach our children how to keep safe on the internet in our computing curriculum. We embed e-safety through child-friendly discussions in the form of safe internet rules across the school. We foster an open environment in which children and young people are encouraged to ask any questions and participate in ongoing conversations about the benefits and dangers of the online world through lessons and discussions before accessing the internet. We work closely with parents to make sure children are accessing the Internet safely at home.	Teacher judgements are made on each strand of computing and recorded in the pupils' Computing folders against 'I can' objectives. This is evidenced through both physical examples of work and work accessed via Purple Mash class files.
	Thoughtful Questioning	Variety of Contexts	Cross-curricular and home-school link

	Thoughtful Questioning encourages deeper thinking and the consideration of different possible outcomes.	Pupils have opportunities to use different software on the Purple Mash platform to demonstrate their skills through activities based on real life contexts.	Children are given opportunities to apply their computing skills cross-curricularly in different subject areas, using Purple Mash software to produce work. Purple Mash is used as a platform to set homework tasks and children are encouraged to use their login at home to apply their computing skills independently and safely.
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Impact	At the end of each year, pupils will have gained a deepening understanding of computing. They will be able to apply this to:			
	Pupil Voice	Evidence in Knowledge	Evidence in Skills	Breadth and Depth
	Children can talk enthusiastically about their Computing lessons and show a genuine curiosity and interest in the areas they have explored.	Children can verbally explain their learning clearly using key vocabulary. Also using previous knowledge and key vocabulary to accelerate their progress.	Pupils can use a variety of software to demonstrate their skills and develop an understanding of both plugged and un-plugged learning opportunities.	Teachers plan opportunities for pupils to deepen their conceptual understanding across all three computing strands. Pupils are armed with knowledge and confidence to use computers safely in real life situations.