St. Peter's Catholic Primary School, Gloucester

Computing Curriculum INTENT Statement

At St. Peter's Catholic Primary School, our mission is to share the good news of Jesus Christ with all in our school family so that each child grows in the knowledge that they are formed in the image and likeness of God who calls them to love and be loved, and that they hear and respond to the call to "live wisely, love generously and learn to think deeply." (Pope Francis, Laudato Si, 2016).

Our mission statement is:

Following in Jesus' footsteps, we live, love and learn together as a school family, to build a better world.

It is our intention that the St. Peter's Computing curriculum will enable our children to understand and experience what it is to be computational thinkers.

The intent of our Computing curriculum is to:

- equip pupils to use computational thinking and creativity to understand and change the world
- provide deep links with mathematics, science, and design and technology, and provide insights into both natural and artificial systems
- introduce through computer science the principles of information and computation, how digital systems work, and how to put this knowledge to use through programming
- build on prior knowledge and understanding to ensure pupils are equipped to use information technology to create programs, systems and a range of content.
- ensure that pupils become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology – at a level suitable for the future workplace and as active participants in a digital world
- help pupils to learn from Computing so that they use their skills and knowledge to 'live life to the full and build a better world'

It is also our intention that the St. Peter's Computing curriculum will embrace our whole school curriculum intent as follows:

St. Peter's Catholic Primary School, Gloucester

Computing Curriculum INTENT Statement

At St. Peter's Catholic Primary School, our mission is to share the good news of Jesus Christ with all in our school family so that each child grows in the knowledge that they are formed in the image and likeness of God who calls them to love and be loved, and that they hear and respond to the call to "live wisely, love generously and learn to think deeply." (Pope Francis, Laudato Si, 2016).

Following in Jesus' footsteps, we live, love and learn together as a school family, to build a better world.

It is our intention that the St. Peter's Curriculum will:

Nourish and nurture	Empower our children with the knowledge and skills to:			augment remembering	Develop key attributes	Inspire
	LIVE	LOVE	LEARN			
Talents – curriculum, enrichment and extra-curricular opportunities Faith RE curriculum Disadvantaged incl SEND and PP	Responsible citizens: Local, National International Fund raising Global challenges: Laudato Si & Fratelli Tutti	Inclusion: SEND Disadvantaged Other Cultures and beliefs Gospel message CST – social justice and help those in need	Think deeply: mastery and enquiry questions Successful learners: lifelong learners Aspirations Growth mindset RP Confident individuals: Self-regulation & Metacognitive strategies Role models	Retrieval Spiral curriculum – golden threads	Independence Resilience Perseverance Team players Effective communication skills Problem solvers Risk takers	Parental engagement Oracy and reading Cultural capital

It is our intention that the St. Peter's Computing curriculum will:

Identifying their gifts – chn able to use technology across the curriculum (e.g. in English/Science) Lead to identify G&T children to work as	Children are being responsible citizens who understand the importance of the internet; how to communicate effectively, stay safe online and share	"Love one another as they wish to be loved" – Children show love to others through respectful, appropriate use of social media and online technology at home and at school.	The mastery approach is consolidated through the Spiral curriculum approach in Teach Computing All lessons for every unit includes enquiry questions and opportunity for retrieval	Spiral curriculum in Teach Computing allows for children to embed and reuse knowledge and skills acquired throughout previous years and their own year's prior units	Teach Computing lessons encourage problem solving, e.g. debugging Lessons encourage communication and class discussions – many begin with	Parental engagement – monthly Computing/Online Safety newsletters to engage and inform parents and carers Reading codes, algorithms and

St. Peter's Catholic Primary School, Gloucester

Computing Curriculum INTENT Statement

'Stay Safe Monitors' across the school Gaps between disadvantaged children and their peers are minimal due to personal differentiation opportunities in each lesson	appropriate information Children can use ICT to create posters and digital media to advertise for fundraising and charity appeals		Children are equipped with computational skills that are developed throughout each unit Opportunity for reflection and self-regulation (children will not always find things easy – there is challenge intended within Teach Computing). Children can self-assess and motivate themselves to engage and improve their own learning.	Children can build links and make connections between skills and concepts (there are learning graphs showing these links for every unit)	enquiry questions to 'hook' children. Programming, debugging, creating algorithms: all require perseveration and encourage children to develop resilience and 'can-do' attitudes	instructions – sharing these with their peers. Empowering children to develop a love for Computing through external visitors inspiring

St. Peter's Catholic Primary School, Gloucester

Computing Curriculum INTENT Statement