



‘My sheep hear my voice, and I know them, and they follow me.’ John 10:27

Parsons Heath Primary School Curriculum Design – Computing

‘At Parsons Heath Church of England Primary School, we are inspired by the example of Jesus, the Good Shepherd, who cares for his sheep. Our vision is embedded in the imagery of God/Jesus as the Good Shepherd. We view school as the shepherd, guiding all members through daily life. We follow the example that Jesus gave us using our Christian Values of Belonging, Kindness and Resilience. As the Good Shepherd tends his sheep, so we nurture our school community in a safe, secure environment to ensure that they thrive and fulfil their potential as good shepherds of the future.’

Our Curriculum Drivers

Active Learners We want our children to participate in a curriculum that promotes physical activity to develop collaboration, confidence and resilience. Our children will recognise the importance of physical activity on their emotional well-being.	Independence We want our children to be able to work both individually and as part of a team and have the resilience to take on new and difficult challenges. With this independence we want all our children to strive to reach their highest personal achievement in all aspects of schooling, community action and life-long learning.
Belonging We want our children to be proud to belong to Parsons Heath C of E Primary School. We are a church school and belong to a wider community of Christians and other faiths. We fit together as individuals, classes, a school, within the community, in the United Kingdom and the World.	Communication We want our children to become articulate communicators, attentive listeners and speak confidently in a variety of situations and ultimately express oneself fluently.
Happiness We want our children to thrive in a positive, safe and calm environment. Our community promotes health in body, mind and spirit. We encourage children to build resilience to be happy, successful and confident people.	

Our Christian Values

Belonging	Kindness	Resilience
------------------	-----------------	-------------------

Subject Statement of Intent (with links to Curriculum Drivers and Christian Values)

At Parsons Heath Primary School, we intend that children should experience Computing in a way to ensure they are resilient users of computers and to inspire them to be independent explorers of technology. We want to enable them to go onwards to secondary school having experienced a varied Computing curriculum and to enable them to make use of computers effectively in their everyday lives.

Our children will be taught to communicate, using technology responsibly and carefully, being compassionate as to how their behaviour, words and actions can affect others. As part of this, they will be taught how to keep themselves safe whilst using technology, including the internet.

Our children will be taught Computing in a way that ensures progression of skills and follows a sequence to build on previous learning.

Our children will gain experience and skills of a wide range of technology in a way that will enhance their learning opportunities, enabling them to use technology across a range of subjects to be creative and solve problems, ensuring they make progress.

Subject Implementation

We follow a broad and balanced Computing curriculum that builds on previous learning and provides both support and challenge for learners. We follow a Computing scheme from Kapow that ensures and progression of skills and covers all aspects of the Computing National Curriculum.

All classes will have a scheduled Computing lesson each week. A selection of children's work in each year group will be stored on the Schools(S): drive for reference and assessment. This may include photos of children completing tasks.

Staff will have access to resources that talk them through the knowledge they will need in order to teach the lessons, as well as support from the Subject Leader through check-ins at meetings and any other times required.

Subject Impact

Our children enjoy and value Computing and know why they are doing things, not just how. Children will understand and appreciate the value of Computing in the context of their personal wellbeing and the technological, creative and cultural industries and their many career opportunities. Progress in Computing is demonstrated through teacher assessment which will be recorded on Sonar as well as reviews of samples of children's work.

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

Long Term plan

Computing	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Computing systems and networks: Using computers	Programming: Commands unplugged	Creating media	Programming: Bee-bots	Creating media	Data handling
Year 2	Computing systems and networks	Programming 1: Algorithms and debugging	Online safety	Programming: Make code	Creating media	Computing systems and networks
Year 3	Programming: Scratch	Computing systems and networks	Programming: Make Code loops	Creating media	Creating media	Data handling
Year 4	Programming 1: Further coding with Scratch	Computing systems: Networks	Online safety	Programming 2: Computational thinking	Computing systems and networks	Creating media
Year 5	Programming 1: Music	Computing systems and networks	Programming 2: BBC Micro:Bit	Creating media	Creating media	Data handling
Year 6	Programming: Scratch	Computing systems and networks	Online safety	Programming: Exploring Python	Computing systems and networks	Creating media