

Why do we teach our pupils:

Each of our children is a precious and unique individual, with God given talents and abilities, created to fulfil a special role in God's intricate plan for the world.

“For I know the plans I have for you”, declares the Lord, “plans to prosper you and not to harm you, plans to give you hope and a future”.’

Jeremiah 29:11

Why do we teach Computer Science and Digital Safety?

Children have the right to enjoy childhood online, to access safe online spaces, and to benefit from all the opportunities that a connected world can bring to them, appropriate to their age and stage. As they grow older, it is crucial that they learn to balance the benefits offered by technology with a critical awareness of their own and other's online behaviour and develop effective strategies for staying safe and making a positive contribution online.

Computers are now part of everyday life. For most of us, technology is essential to our lives, at home and at work. ‘Computational thinking’ is a skill children must be taught if they are to be ready for the workplace and able to participate effectively in this digital world.

How will our teaching of Computer Science and Digital Safety enable our pupils to fulfil the plan God has for them?

We teach Digital Safety to enable the development and guidance to support children and young people to live knowledgeably, responsibly and safely in a digital world. Whilst allowing our pupils to learn about; self-image and identity; relationships; reputation; health, wellbeing and lifestyle; privacy and ownership.

We teach Computer Science as it allows pupils to learn how to adapt and solve problems, learn perseverance skills and express their creativity and passions. Computing is a skill that empowers and one that all pupils should be aware of and develop competence in.

What do we want to achieve by teaching Computer Science and Digital Safety?

Through the teaching of Digital Safety, we want to broaden the provision of online safety education, so that it is empowering, builds resilience and effects positive culture change. Digital Safety promotes the development of safe and appropriate long-term behaviours, and supports pupils in shaping culture within their setting and beyond.

Through the teaching of Computer Science, we want to ensure to ensure all pupils can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation. Correspondingly, children can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems.

Computing and Digital Safety Curriculum Intent

How does the teaching of Computer Science and Digital Safety impact on our aims for our pupils:

Aim:	What contribution does Computer Science and Digital Safety make to this:
Faith - develop courage, resilience and patience, through their own personal faith in God, so they can retain hope and joy even during hard experiences. (John 1:12)	<i>Computer Science and Digital Safety, allows pupils to learn how to adapt and solve problems and learn perseverance skills.</i>
Relationships - flourish through strong relationships with themselves, each other, creation and God. (Luke 10:27)	<i>Computer Science and Digital Safety, enables the development and guidance to support children and young people forging lasting relationships, in real life and online. Similarly, they understand how technology shapes communication styles for positive relationships in online communities.</i>
Uniqueness - have the self-confidence to understand their uniqueness and God-given purpose to become the person God created them to be. (Matthew 10:30)	<i>Computer Science and Digital Safety, lets children express their creativity and passions, whilst allowing our pupils to learn about; self-image, identity and reputation. Secondly, pupils learn the differences between online and offline identity beginning with self-awareness, shaping online identities and media influence in propagating stereotypes.</i>
Intellect – develop a keen intellect and use this talent and ability wisely to protect and enhance themselves, their communities and the environment. (Proverbs 3:13)	<i>Computer Science and Digital Safety, facilitates the development and guidance to support children and young people to live knowledgeably, responsibly and safely in a digital world and in real life, whilst knowing that everything is not always factually correct.</i>
Treat themselves and others with dignity and respect maintaining a healthy body and thriving community. (1 Peter 2:17)	<i>Computer Science and Digital Safety, allows our pupils to learn about respecting theirs and others health, wellbeing and lifestyle, whilst understanding appropriate real life expectations and realities.</i>
Salvation – have a recognition that we need to seek forgiveness through Jesus to become friends with God. (Ephesians 2: 8-9)	<i>Computer Science and Digital Safety, supports children understanding the concept of ownership of online content. Likewise, protecting personal content and crediting the rights of others as well as addressing potential consequences of illegal access, download and distribution (the premise of right and wrong).</i>