COMPUTING
Long Term Planning

Our Curriculum Vision and Values

St. Andrew's Church of England Primary School is committed to providing a safe and caring Christian environment in which every individual is valued and encouraged to engage in lifelong learning. Our vision statement "With God all things are possible." (Matthew 19:26) is used to encourage individuals to be open to all possibilities and have a positive attitude.

Our vision reflects the Christian ethos of our school. As a school we ensure that everyone is valued and supported. The staff at St. Andrew's are extremely committed professionals who care deeply about the well-being of every child as well as having a determination for each child to reach their full learning potential.

This is articulated through our I Aspire values and threaded through our curriculum, in all subject areas, as outlined below.

I ASPIRE

Independence (children independently applying skills, challenging themselves and being curious)

Ambition (risk taking, to have raised ambitions of what they can achieve, do and be)

Self-control (controlling emotions in difficult situations, coping with disappointment)

Perseverance (building resilience and not giving up)

Integrity (doing the right thing when no-one is watching)

Responsibility (being a model citizen, contributing and understanding all actions have consequences)

Empathy (building caring relationships, understanding the views and beliefs of others)

Year Group	Autumn		Spring		Summer	
EYFS	Digital Painting Online Relationships	Storytelling Health, Well-being & Lifestyle	Moving a Robot Online Reputation Cyber Bullying	Digital Photography Grouping Data Privacy & Security	Digital Writing Self –Image and Identity Managing Online Information	Information Technology Copyright & Ownership
Year 1	Technology Around Us Health, Well-being & Lifestyle	Digital Painting Online Reputation Cyber Bullying	Moving a Robot Online Relationships	Grouping Data Privacy & Security	Digital Writing Copyright & Ownership	Programming Animations Self –Image and Identity Managing Online Information
Year 2	It around us Managing Online Information	Digital Photography Self Image & Identity Cyber Bullying	Robot Algorithms Online Reputation	Pictograms Privacy & Security	Digital Music Copyright & Ownership	Programming Quizzes Online Relationships
Year 3	Connecting Computers Online Relationships	Stop-frame animation Self Image and Identity Cyber Bullying	Sequencing Sounds Copyright & Ownership	Branching Data-bases Privacy & Security	Desktop Publishing Managing Online Information	Events and actions in programs Online Reputation

Year Group	Autumn		Spring		Summer	
Year 4	The Internet Online Relationships	Audio Production Copyright & Ownership Cyber Bullying	Repetition in shapes Managing Online Information	Data logging Privacy & Security	Photo Editing Self Image & Identity	Repetition in games Health, Wellbeing and Lifestyle
Year 5	Sharing Information Online Reputation Online Relationships	Video production Self-Image and Identity Cyber Bullying	Selection in Physical Computing Health, Wellbeing and Lifestyle	Flat-file databases Privacy & Security	Introduction to vector graphics Copyright & Ownership	Selection in Quizzes Managing Online Information
Year 6	Communication and collaboration Managing Online Information Online Reputation	Creating webpages Copyright & Ownership	Variables in games Online Relationships	Introduction to spreadsheets Privacy & Security	3D Modelling Self Image and Identity	Sensing Movement Health, Wellbeing and Lifestyle

The Items in **red** follow our Online Safety sessions alongside the *Education for a Connected World Framework*.