

COMPUTING: CURRICULUM OVERVIEW



CURRICULUM OVERVIEW						
National Curriculum Focus						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Digital Citizenship -Online Safety / PSHE	Digital Citizenship -Online Safety / PSHE	Digital Citizenship -Online Safety / PSHE	Digital Citizenship -Online Safety / PSHE	Digital Citizenship -Online Safety / PSHE	Digital Citizenship -Online Safety / PSHE
Autumn 2	Digital Literacy with elements of Creativity	Digital Literacy with elements of Creativity	Digital Literacy with elements of Creativity	Digital Literacy with elements of Creativity	Digital Literacy with elements of Creativity	Digital Literacy with elements of Creativity For KS2 Reference – BBC Computing
Spring 1	Computer Science Without a computer, Unplugged Activities	Computer Science Without a computer, Unplugged Activities	Computer Science Without a computer, Unplugged Activities	Computer Science Without a computer, Unplugged Activities	Computer Science Without a computer, Unplugged Activities	Computer Science Without a computer, Unplugged Activities
Spring 2	Computer Science With elements of IT	Computer Science With elements of IT	Computer Science With elements of IT	Computer Science With elements of IT	Computer Science With elements of IT	Computer Science With elements of IT
Summer 1	Information Technology with elements of Digital Literacy	Information Technology with elements of Digital Literacy	Information Technology with elements of Digital Literacy	Information Technology with elements of Digital Literacy	Information Technology with elements of Digital Literacy	Information Technology with elements of Digital Literacy
Summer 2	Greater Depth Project: Digital Literacy / Computer Science	Greater Depth Project: Digital Literacy / Computer Science	Greater Depth Project: Digital Literacy / Computer Science / STEM	Greater Depth Project: Digital Literacy / Computer Science / STEM	Greater Depth Project: Digital Literacy / Computer Science / STEM	Greater Depth Project: Digital Literacy / Computer Science / STEM
Key historical figures Computing Pioneers	Jack Kilby (1923-2005) Robert Noyce (1927-1990)	Tim Berners Lee (1955-present)	Charles Babbage (1791-1871)	Radia Perlman (1951-present) Hedy Lamarr (1914-2000)	Grace Hopper (1906-1992) Bill Gates (1955–present) Steve Wozniak (1950–present)	Alan Turing (1912–1954)
Cultural Capital	Anti-bullying week Internet Safety Day	Anti-bullying week Internet Safety Day	Anti-bullying week Internet Safety Day	Anti-bullying week Internet Safety Day	Anti-bullying week Internet Safety Day SICT Visit – Computer Science	Anti-bullying week Internet Safety Day

LINKS TO EYFS PROGRAMME OF STUDY

Early Years Foundation Stage (EYFS)

Computing doesn't stretch to early years (EYFS), but technology is mentioned in the EYFS framework. One of the areas of learning, Understanding the World, sets out that children should have the opportunity to explore, observe and find out about technology. The following statements have been taken from Bolton ICT scheme of work and not the DfE Development Matters Non-statutory curriculum guidance for the early years foundation stage report.

Autumn Term	Digital Citizenship and Digital Literacy	Recognise communication using the World Wide Web Keeping safe and healthy when using computers Talk about the "Butterfly Feeling" Logging in Mouse and keyboard skills Following instructions to complete activities
Spring Term	Computer Science and Digital Literacy	Directional language Use remote control toys Introduce Beebots Logging in Mouse and keyboard skills Following instructions to complete activities Use software and online apps
Summer Term	Information Technology and Digital Literacy	Name the parts of a computer correctly Know that information can be stored on the Web Discuss what personal information is and who to share it with Take ownership of work Logging in Mouse and keyboard skills Following instructions to complete activities