

	Autumn		Spring	Summer		Suggested Application
Reception	Digital Citizenship <u>Education for a Connected World</u> Digital Literacy		Computer Science Digital Literacy	Digital Literacy Information Technology		In all seven areas of learning
Year 1	Digital Citizenship <u>Education for a Connected World</u>	Digital Literacy Logging in Keyboard skills Data Handling Music Apps	Computer Science : Focus Vocab ALGORITHM – a set of instructions in everyday language. Spring 1 – consolidation Spring 2 – new learning	Information Technology: Focus INTERNET RESOURCES <u>Education for a Connected World</u> Computing pioneers : Jack Kilby & Robert Noyce	Consolidation Project for Digital Literacy	Maths: Pictograms Music Composing
Year 2	Digital Citizenship <u>Education for a Connected World</u>	Digital Literacy Logging in Keyboard Skills Word Processing Multimedia Graphs , charts & databases	Computer Science : Focus Vocab PROGRAM Spring 1 – consolidation of algorithms Spring 2 – Introduction to programs and events	Information Technology: Focus EFFECTIVE SEARCHING <u>Education for a Connected World</u> Computing Pioneer: Tim Berners Lee	Consolidation Project for Digital Literacy	English Design using keyboard skills Making Films Maths Yes/No databases
Year 3	Digital Citizenship <u>Education for a Connected World</u>	Digital Literacy Logging in Keyboard Skills Word Processing Multimedia Graphs, charts & databases	Computer Science : Focus Vocab SEQUENCE Spring 1 – consolidation of algorithms and program Spring 2 – Introduction to sequence	Information Technology: Focus ON LINE COMMUNICATION <u>Education for a Connected World</u> Computing Pioneers : Charles Babbage & Ada Lovelace	Consolidation Project for Digital Literacy	English E Books Art Tools to paint Music To compose
Year 4	Digital Citizenship <u>Education for a Connected World</u>	Digital Literacy Typing Skills Word Processing Spreadsheets Graphs & Data Animation	Computer Science : Focus Vocab REPEAT/LOOPS Spring 1 – consolidation of algorithms, program and sequences Spring 2 – Introduction to repeat / loop	Information Technology: Focus ONLINE COMMUNICATION <u>Education for a Connected World</u> Computing pioneers Radia Perlman & Hedy Lamarr	Consolidation Project for Digital Literacy	History/ Geography Create presentations Maths Spreadsheets Music

September 2023

Computing Curriculum Overview

						To compose
Year 5	Digital Citizenship <u>Education for a Connected World</u>	Digital Literacy Word Processing skills, reviewing and editing work Databases, graphs Representing data Editing work Computer Aided Design Website Evaluation	Computer Science : Focus Vocab SELECTION/CONDITIONAL – use of ‘if’ Know what a conditional is Use sequence, selection and repetition within a program Create program where user makes a choice Spring 1 – consolidation of algorithms, program. Sequences and repeat Spring 2 – Introduction to selection / conditional	Information Technology: Focus WHAT IS A COMPUTER ? <u>Education for a Connected World</u> Computing Pioneers : Grace Hopper , Bill Gates & Steve Wozniak	Greater Depth Project (Digital Literacy / Computer Science) or revisit an aspect of the curriculum requiring more depth	History/ Geography /RE Create presentations Art Creativity with film making Maths Databases
Year 6	Digital Citizenship <u>Education for a Connected World</u>	Digital Literacy Make independent choices in choosing software to create content . Create work appropriate to an audience Use video editing software	Computer Science : Focus Vocab VARIABLES Build on previous years. Can use events, repeats, selection and variables confidently	Information Technology: HISTORY AND THE FUTURE OF COMPUTING <u>Education for a Connected World</u> Computing Pioneer : Alan Turing – reference Bletchley Park	Greater Depth Project (Digital Literacy / Computer Science) or revisit an aspect of the curriculum requiring more depth	English Creating Presentation suitable for specific audience