

Computing Curriculum Map



Year Group:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Every year group teaches E-Safety lesson [Jigsaw] at the start of each term and throughout the year. Each year group will teach a standalone e-safety lesson using resources from provided links below Internet Safety Week – Resources, flips and information will be provided by Oli Valle before the event.						
EYFS	<p style="text-align: center;"> Across the year – EYFS will cover E-Safety (Digiduck/Jigsaw) What is technology? Make my own computer (children craft their own laptop) How to use screens and devices. </p>					
Year 1	<p style="text-align: center;"> Technology Around Us [Teach Computing] Computing systems and networks – Technology around us (teachcomputing.org) </p>		<p style="text-align: center;"> Coding: Bee-bots [Teach Computing] Programming A – Moving a robot (teachcomputing.org) </p>		<p style="text-align: center;"> Digital painting and Writing [Teach Computing] Creating media – Digital painting (teachcomputing.org) Creating media – Digital writing (teachcomputing.org) </p>	
Year 2	<p style="text-align: center;"> Information Technology Around Us [Teach Computing] Computing systems and networks – IT around us (teachcomputing.org) </p>		<p style="text-align: center;"> Scratch Junior [IPADs] Dares Knock Knock Joke ScratchJr (mrpict.com) </p>		<p style="text-align: center;"> Digital Photography Teach Computing Creating media – Digital photography (teachcomputing.org) </p>	
Year 3	<p style="text-align: center;"> Basic Computer Room skills Digital comic books Dares Year 3 Presentation - Book Creator Comic (mrpict.com) </p>		<p style="text-align: center;"> Scratch 3 [Desktops]: events and actions in programmes Teach Computing Programming B - Events and actions in programs (teachcomputing.org) </p>		<p style="text-align: center;"> Systems and Networks – Connecting Computers Computing systems and networks – Connecting computers (teachcomputing.org) [Teach Computing] </p>	
Year 4	<p style="text-align: center;"> The Internet [Teach Computing] Computing systems and networks – The Internet (teachcomputing.org) </p>		<p style="text-align: center;"> Coding, programming and commands turtleacademy.com/playground fmslogo.sourceforge.net [Turtle Academy] </p>		<p style="text-align: center;"> Repetition in shapes – Scratch 3 – Desktops [Teach Computing] Programming A – Repetition in shapes (teachcomputing.org) </p>	
Year 5	<p style="text-align: center;"> Sharing Information Computer Systems and Networks [Teach Computing] Computing systems and networks - Systems and searching (teachcomputing.org) Term 2 – Microbit Introduction First lessons with MakeCode and the micro:bit micro:bit (microbit.org) </p>		<p style="text-align: center;"> Java [Robotics Days] Tourist Guides – Video Production – iMovie and Stop Animation Creating media - Video production (teachcomputing.org) </p>		<p style="text-align: center;"> Digital Presentations [Slides] Data and information – Flat-file databases (teachcomputing.org) Digital Photography- self portraits [Links to RWVs Spirited Arts] </p>	
Year 6	<p style="text-align: center;"> Internet Communication Computing systems and networks - Communication and collaboration (teachcomputing.org) [Teach Computing] </p>		<p style="text-align: center;"> Data and Spreadsheets – Google Sheets (Teach Computing) Data and information - Introduction to Spreadsheets (teachcomputing.org) Garage Band [IPAD]] </p>		<p style="text-align: center;"> Microbits – Being Active – Heart rate monitor and step counters Being active micro:bit (microbit.org) </p>	

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KS2: Children will also use computer suite for

Touch Typing using: [Learn to Type | Type Better | Type Faster - Typing.com - Typing.com](#) (Children link through their Google login)

Word Processing and publishing – using Google Sheets

Create presentations using Google Slides

Research for projects using Google Chrome and Swiggle (Child Safe Search Engine) [Swiggle.org.uk - Child Friendly Search Engine for Kids](#)

Useful Online Safety Links for resources, info and help:

[Internet safety advice and information | Internet Matters](#)

[CEOP Safety Centre](#) - good age-appropriate resources for all year groups.

[Online Safety for Schools | SWGfL](#)

[ProjectEVOLVE - Education for a Connected World Resources](#)

[The Adventures of Kara, Winston and the SMART Crew | Childnet](#)

[Digiduck Stories | Childnet](#) - Good online safety stories especially for EYFS and KS1

[Childnet — Online safety for young people](#)

Coding Links

[Scratch - Imagine, Program, Share \(mit.edu\)](#)

[Join the largest learning event in history, September 5, 2023 - December 17, 2023 \(hourofcode.com\)](#) - Hour of Code is good for setting homework/Seesaw

Useful links for planning (you may need to create account to access)

[Teach Computing](#)

[MR P ICT ONLINE CPD - Home](#)