

Long term plan for Computing using National Computing Centre for Excellence (NCCE) planning

Teaching units for the computing curriculum are found at: <https://teachcomputing.org/curriculum>

Year	Key figure	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A 2023-24	1/2 Margret Hamilton	Internet safety Self-image & self-identity <a href="#">Computing Systems &amp; Networks</a>	Internet safety Online Relationships Creating Media <a href="#">Digital Writing</a>	Internet safety Online Bullying <a href="#">Programming A</a> Amalgamation of units	Internet safety Health, Well-Being and Lifestyle <a href="#">Data &amp; Information</a> <a href="#">Pictograms</a>	Internet safety Online Reputation <a href="#">Creating media</a> <a href="#">Digital painting</a>	Internet safety Consolidation <a href="#">Programming B</a> <a href="#">Animations</a>
	3/4 Grace Hopper	Internet safety Self-image & self-identity <a href="#">Computing systems &amp; networks</a>	Internet safety Online Relationships <a href="#">Creating media</a> Photo editing	Internet safety Online Bullying <a href="#">Programming A</a> Amalgamation of units	Internet safety Health, Well-Being and Lifestyle <a href="#">Data &amp; Information</a> <a href="#">Data Logging</a>	Internet safety Online Reputation Creating media <a href="#">Audio Editing</a>	Internet safety Consolidation <a href="#">Programming B</a> <a href="#">Repetition in games</a> (Scratch)
	5/6 Alan Turing	Internet safety Self-image & self-identity <a href="#">Computing systems &amp; networks</a>	Internet safety Online Relationships <a href="#">Creating Media</a> <a href="#">3D Modelling</a>	Internet safety Online Bullying <a href="#">Programming A</a> <a href="#">Variables in Games</a>	Internet safety Health, Well-Being and Lifestyle <a href="#">Data &amp; Information</a> <a href="#">Spreadsheets</a> (Art immersion – digital art)	Internet safety Online Reputation <a href="#">Creating media</a> <a href="#">Web page creation</a>	Internet safety Consolidation <a href="#">Programming B</a> <a href="#">Sensing</a>
Cycle B 2024 -25	1/2 Ada Lovelace & Charles Babbage	Internet safety Managing information online <a href="#">Computing Systems &amp; Networks</a>	Internet safety Online Relationships & Bullying Creating Media <a href="#">Digital Painting</a> (taught during digital art immersion week)	Internet safety Copyright and Ownership Use <a href="#">Programming A</a> Amalgamation of units	Internet safety Privacy and Security Consolidate creating media from previous term Develop basic computing skills	Internet safety Managing information online <a href="#">Data &amp; Information</a> <a href="#">Grouping data</a>	Internet safety Consolidation <a href="#">Programming 2</a> <a href="#">Animations</a>
	3/4 Katherine Johnson	Internet safety Managing information online <a href="#">Computing Systems &amp; Networks</a> <a href="#">Connecting Computers</a> (incl. using email)	Internet safety Online Relationships & Bullying <a href="#">Creating Media</a> <a href="#">Stop Frame Animation</a>	Internet safety Online safety Copyright and Ownership Use <a href="#">Programming A</a> Amalgamation of units	Internet safety Privacy and Security <a href="#">Creating media</a> <a href="#">Desktop publishing</a> (revisit email to share work)	Internet safety Managing information online <a href="#">Data &amp; Information</a> <a href="#">Branching Databases</a>	Internet safety Consolidation <a href="#">Programming B</a> <a href="#">Repetition in Shape</a> (Logo)
	5/6 Steve Jobs	Internet safety Managing information online <a href="#">Computing systems &amp; networks</a> <a href="#">Sharing information</a>	Internet safety Online Relationships & Bullying <a href="#">Creating media</a> <a href="#">Video editing</a>	Internet safety Online safety Copyright and Ownership Use <a href="#">Programming A</a> <a href="#">Selection in Physical Computing</a> (Crumble)	Internet safety Privacy and Security <a href="#">Creating media</a> <a href="#">Vector drawing</a>	Internet safety Managing information online <a href="#">Data &amp; Information</a> <a href="#">Flat-file databases</a>	Internet safety Consolidation <a href="#">Programming B</a> <a href="#">Selection in Quizzes</a>

\*indicates crate booked from [www.cyberhub.uk/distribution-centres](http://www.cyberhub.uk/distribution-centres) (ipads/ Bluebots)

Computer Science	Information Technology	Digital Literacy
Internet safety is modelled, taught & revisited continuously, as well as in discrete lessons in both Computing & PSHCE. For internet safety teaching resources & lesson plans, please visit: <a href="https://projectevolve.co.uk/toolkit/years/">https://projectevolve.co.uk/toolkit/years/</a>		