

## Year 1

Unit	NCCE Suggested ICT Resources	Hyperlinks
1. Computer systems and networks – Technology around us	Paintz, mouse, keyboard	<a href="https://paintz.app/">https://paintz.app/</a>
2. Creating media - Digital Painting	MS Paint, Paintz or any suitable digital painting program	
3. Creating media - Digital writing	Any word processor	
4. Data and Information – Grouping Data	Unplugged resources	
5. Programming A - Moving a Robot	Any simple floor robot	
6. Programming B – Introduction to Animation	ScratchJR (iPad, Android or Chromebook)	<a href="https://www.scratchjr.org/">https://www.scratchjr.org/</a>

## Year 2

Unit	NCCE Suggested ICT Resources	Hyperlinks
1. Computer systems and networks - IT around us	No specific software / hardware	
2. Creating media - Digital photography	Image capture devices, Pixlr	<a href="https://pixlr.com/">https://pixlr.com/</a>
3. Creating media - Making music	Chrome Music Lab	<a href="https://musiclab.chromeexperiments.com/">https://musiclab.chromeexperiments.com/</a>
4. Data and Information – Pictograms	JIT5 pictogram	<a href="https://www.i2e.com/jit5">https://www.i2e.com/jit5</a>
5. Programming A – Robot Algorithms	Any floor robot	
6. Programming B – An Introduction to Quizzes	ScratchJR (iPad or Chromebook)	<a href="https://www.scratchjr.org/">https://www.scratchjr.org/</a>

### Year 3

Unit	NCCE Suggested ICT Resources	Hyperlinks
1. Computer systems and networks – connecting computers	Any digital drawing/painting tool	
2. Creating media - Animation	iMotion app or any stop-motion physical animation tool	<a href="https://apps.apple.com/gb/app/imotion/id421365625">https://apps.apple.com/gb/app/imotion/id421365625</a> <a href="https://www.cateater.com/">https://www.cateater.com/</a> <a href="https://www.stopmotionpro.com/">https://www.stopmotionpro.com/</a>
3. Creating media - Desktop Publishing	Adobe Spark or other DTP	<a href="https://www.adobe.com/education/express/">https://www.adobe.com/education/express/</a>
4. Data and Information – Branching Databases	J2Data (JIT5 Branch)	<a href="https://www.j2e.com/j2data/">https://www.j2e.com/j2data/</a>
5. Programming A – Sequence in Music	Scratch	<a href="https://scratch.mit.edu/">https://scratch.mit.edu/</a>
6. Programming B – Events and Actions	Scratch	<a href="https://scratch.mit.edu/">https://scratch.mit.edu/</a>

## Year 4

Unit	NCCE Suggested ICT Resources	Hyperlinks
1. Computer Systems and Networks – The Internet	Chrome Music Lab	<a href="https://musiclab.chromeexperiments.com/">https://musiclab.chromeexperiments.com/</a>
2. Creating Media – Audio editing	Audacity	<a href="https://www.audacityteam.org/">https://www.audacityteam.org/</a>
3. Creating Media – Photo editing	Paint.net	
4. Data and Information –Data logging	Data loggers (or suitable apps such as Google Science Journal)	
5. Programming A – Repetition in shapes	Logo, e.g. MSW Logo (Windows), J2Code Logo, Turtle Academy	<a href="https://www.i2e.com/logo.html">https://www.i2e.com/logo.html</a> <a href="https://turtleacademy.com/">https://turtleacademy.com/</a>
6. Programming B – Repetition in games	Scratch	<a href="https://scratch.mit.edu/">https://scratch.mit.edu/</a>

## Year 5

Unit	NCCE Suggested ICT Resources	Hyperlinks
1. Data and Information - Flat File Databases	J2Data Database	<a href="https://www.j2e.com/j2data/">https://www.j2e.com/j2data/</a>
2. Creating Media – Vector Drawing	Google Drawings	<a href="https://quickdraw.withgoogle.com/">https://quickdraw.withgoogle.com/</a>
3. Creating Media – Video Editing	Windows Movie Maker (or other video editing tool) + cameras	
4. Computer systems and networks – sharing information	Google Slides	<a href="https://www.google.co.uk/slides/about/">https://www.google.co.uk/slides/about/</a>
5. Programming A – Selection in physical programming	Crumble Starter Kits	
6. Programming B – Selection in Quizzes	Scratch	<a href="https://scratch.mit.edu/">https://scratch.mit.edu/</a>

## Year 6

Unit	NCCE Suggested ICT Resources	Hyperlinks
1. Creating Media – 3D Modelling	Tinkercad	<a href="https://www.tinkercad.com/">https://www.tinkercad.com/</a>
2. Creating Media – Web page creations	Google Sites	<a href="https://www.google.co.uk/slides/about/">https://www.google.co.uk/slides/about/</a>
3. Computer systems and networks – Communication	Different search engines	
4. Data and Information - Spreadsheets	Any spreadsheet, e.g. Google Sheets, Microsoft Excel	
5. Programming A – Variables in games	Scratch	<a href="https://scratch.mit.edu/">https://scratch.mit.edu/</a>
6. Programming B – Sensing	BBC Micro:Bits (or online emulator)	<a href="https://makecode.microbit.org/device/simulator">https://makecode.microbit.org/device/simulator</a>