



Required Hardware and Software

Year 1	Hardware required	Software required	Software compatibility		
			Laptop/ Desktop	Tablet (Android/iPad)	Chromebook
<i>Getting Started</i>	Laptops or desktops	Online software sketch.io/sketchpad	✓	✓	✓
<i>Programming: Bee-Bots</i>	Bee-Bots/Blue-Bots - ideally 6 Digital recording devices to record visuals and sound, e.g. digital cameras, tablets	N/A	N/A		
<i>Algorithms Unplugged</i>	N/A	N/A	N/A		
<i>Digital Imagery</i>	Tablets or digital cameras and laptops/desktops	Google Slides (Online presentation software)	✓	✓	✓
<i>Introduction to Data</i>	Laptops or desktops Tablets or digital cameras	Online data handling software https://www.i2e.com/	✓	✓	✓
<i>Rocket to the Moon</i>	Laptops, desktops or tablets	Word processing software (e.g. Microsoft Office, Google Docs, Busy Things, Purple Mash)	✓	✓	✓
		Online software sketch.io/sketchpad	✓	✓	✓
		Spreadsheet software (e.g. Microsoft Excel, Google Sheets, Numbers etc.)	✓	✓	✓



Required Hardware and Software

Year 2	Hardware	Software	Software compatibility		
			Laptop/Desktop	Tablet (Android/iPad)	Chromebook
<i>What is a Computer?</i>	Tablets/digital cameras and laptops/desktops	Online software sketch.io/sketchpad	✓	✓	✓
<i>Word Processing</i>	Laptops/desktops	Word processing software (e.g. Microsoft Office, Google Docs, Busy Things or Purple Mash)	✓	✓	✓
		Online typing software https://www.typingclub.com/	✓	✓	✓
<i>Programming: Scratch Jr</i>	Tablets/Chromebooks	Scratch Jr app must be installed		✓	✓
<i>Algorithms and Debugging</i>	Teacher laptop	Scratch accessible on teacher laptop	✓		✓
	Laptops/tablets	Lightbot app on tablets or Lightbot website accessible on laptops	✓	✓	✓
		Online coding software https://www.mixital.co.uk/channel/strictly-robo-dancers	✓	✓	✓
<i>International Space Station</i>	Laptops, desktops or tablets	Online software sketch.io/sketchpad	✓	✓	✓
<i>Stop Motion</i>	Laptops, desktops and digital cameras or tablets	Online software https://www.cateater.com/index.html	✓	✓	✓



Required Hardware and Software

Year 3	Hardware	Software	Software compatibility		
			Laptop/Desktop	Tablet (Android/iPad)	Chromebook
<i>Emailing</i>	Laptops or desktops	Online email provider, e.g. Gmail	✓	✓	✓
		Google Forms	✓	✓	✓
<i>Journey Inside a Computer</i>	A desktop computer Optional: tablet	Optional: PicCollage app installed on tablet	✓	✓	✓
<i>Top Trumps Database</i>	Laptops/desktops	Spreadsheet software e.g. Microsoft Excel, Google Sheets, Numbers	✓	✓	✓
		Online email provider, e.g. Gmail	✓	✓	✓
<i>Digital Literacy</i>	<i>Coming Soon</i>				
<i>Programming: Scratch</i>	Laptops or desktops	Online coding software https://scratch.mit.edu/	✓		✓
<i>Networks</i>	Laptops, desktops or tablets	Online software https://www.canva.com/	✓	✓	✓



Required Hardware and Software

Year 4	Hardware	Software	Software compatibility		
			Laptop/ Desktop	Tablet (Android/iPad)	Chromebook
<i>Collaborative Learning</i>	Laptops, desktops or tablets (ideally with physical keyboard)	Online software: G Suite (Gmail, Google Docs Google Slides, Google Sheets, Google Forms)	✓	✓	✓
<i>How the Internet Works</i>	Laptops, desktops or tablets (ideally with physical keyboard)	Google Slides (Online presentation software)	✓	✓	✓
<i>Website Design</i>	Laptops, desktops or tablets (ideally with physical keyboard)	Online software: Google Sites	✓	✓	✓
<i>HTML</i>	Laptops, desktops or tablets	Online programming software https://thimble.mozilla.org	✓	✓	✓
<i>Investigating Weather</i>	Laptops, desktops or tablets	Spreadsheet software e.g. Microsoft Excel, Google Sheets	✓	✓	✓
		Online software: sketch.io/sketchpad https://www.wevideo.com/			
<i>Computational Thinking</i>	<i>Coming Soon</i>				



Required Hardware and Software

Year 5	Hardware	Software	Software compatibility		
			Laptop/Desktop	Tablet (Android/iPad)	Chromebook
<i>Online Safety</i>	Laptops, desktops or tablets Tablets or digital cameras	Online stop motion software https://www.cateater.com/support.html OR install Stop Motion Studio app on tablets Video editing software e.g. iMovie, WeVideo	✓	✓	✓
<i>Micro:bit</i>	BBC micro:bits (if not available, you can use the online version) Laptops, desktops or tablets	Online programming software https://makecode.microbit.org/#	✓	✓	✓
<i>Search Engines</i>	Laptop, desktops or tablets	Create a free account on https://www.canva.com/	✓	✓	✓
<i>Sonic Pi</i>	Laptops or desktops	Download Sonic Pi to computers	✓		
<i>Mars Rover</i>	Laptops or desktops	N/A	✓	✓	✓
<i>Mars Rover 2</i>	Laptops, desktops or tablets	Spreadsheet software e.g. Microsoft Excel, Google Sheets	✓	✓	✓
		Online design software https://www.tinkercad.com/	✓	✓	✓



Required Hardware and Software

Year 6	Hardware	Software	Software compatibility		
			Laptop/ Desktop	Tablet (Android/iPad)	Chromebook
<i>Bletchley Park 1</i>	Laptops, desktops or tablets	Presentation software e.g. PowerPoint, Google Slides Online software: Google Sites	✓	✓	✓
<i>Bletchley Park 2</i>	Laptops, desktops or tablets	Online software: https://www.soundtrap.com/	✓	✓	✓
		Presentation software e.g. PowerPoint, Google Slides			
<i>Introduction to Python</i>	Laptops, desktops or tablets	Download MSW Logo or use online software https://turtleacademy.com/playground/en and https://trinket.io/	✓	✓	✓
		Presentation software e.g. PowerPoint, Google Slides, Prezi			
<i>Big Data</i>	Laptops (with camera) or tablets	Install QR code reader app or add Chrome extension on laptop which can read QR code	✓	✓	✓
		Spreadsheet software e.g. Microsoft Excel, Google Sheets, Numbers			
<i>Big Data 2</i>	Laptops, desktops or tablets	Access online or download http://www.electrocity.co.nz/Resources/	✓		
<i>Skills Showcase</i>	<i>Coming Soon</i>				