

KS3 Software and hardware requirements

	Software	Hardware
AI and machine learning	Scratch 3 (online or offline version)	
App Development in AppShed	AppShed Education account by subscription	
Computational thinking and logic	–	
Computer crime and cyber security	–	
Control System with Flowol	Flowol 4+ or Flowol 4 with 3D mimics pack	
Creating a Video	OpenShot, Movie Maker or similar timeline based video editing software	Video cameras or smartphones and cables Headphones for editing
Database Development	Access or similar Open Source alternative	
Games programming in Scratch	Scratch 3 (online or offline version)	
Graphics	Photoshop , GIMP or layer based graphics editing software	
HTML and website development	Notepad and Browser	
Introduction to Python	Python 3	
Making games with GDevelop	GDevelop 5 (online or offline version) Free version is sufficient for this unit	
Networks	Browser	
Python: Next Steps	Python 3	
Sound Manipulation in Audacity	Audacity	Headphones and microphones or headsets
Spreadsheet modelling	Excel or similar Open Source alternative	
Understanding Computers	–	
Using Computers safely, effectively and responsibly	Email software	