Dothill Progression Mapping Computing Respect Happiness Responsibility Creativity HONESTY Enthusiasm Confidence Kindness Cooperation fairness

	Year Five	Year Six
Substantive Knowledge Computer science (Algorithms and programming, data, systems)	 I know that programs need testing. I know what an input device is (e.g. keyboard) I know what an output device is (e.g. speakers, printers) I know that computers link together to create a network. I know what is meant by selection and conditions. 	 I know that a variable is something that is changeable. I know what an input device is (e.g. keyboard) I know what an output device is (e.g. speakers, printers) I know that systems require input and output device. I know different variables. I know that a loop can stop when a condition is met.
Substantive Knowledge Information Technology (Digital artefact and computing contexts)	 I know that computers can be connected together to form systems. I know the role of computer systems in our lives. I know how to use a search I know why the order of results is important, and to whom. I know that video is a media format. I know how to use a digital device to record video. I know how to store, retrieve, and export my recording to a computer. I know how to remove unwanted content and reorder clips. I know how to find copyright-free images online. 	 I know how data is transferred across the internet. I know how sharing information online can help people to work together. I know how we communicate using technology. I know what a website is. I know that websites are written in HTML. I know some common features of a webpage. I know what is meant by copyright. I know what a navigation path is. I know what a hyperlink is.

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Vocabulary Computer Science	'Ifthenelse' Selection Conditions Input/output device	Modify Control Outcome	Algorithm Crumble	Micro:bit Input/output device Condition-controlled loop	Infinite loop Count-controlled loop Sensor	Control Variable
Vocabulary Information Technology	Video Editing Retrieve Export	Modify Input Process Output	Computer system Search engine Web crawlers	Data Addresses Communication Collaboration	Data packet Networks Navigation path Hyperlink	Copyright Fair use Content
Vocabulary Digital Literacy	Share Created Copied Reputation Digital personality Anonymity Autocomplete	Belief Opinion Fact Analyse Judgement In-app purchases Sceptical	Pop-ups Notifications Validity Fake news Influence Manipulation Stereotype	Online bullying Banter Teasing Chat Image Video Behaviour Support Share Helpline services	Abusive users Block Personal information Password Confidentiality Digital age of consent Monitored Trusted adult Strong password Geolocation	Scams Phishing Illegal Permission Owner Content Referenced Acknowledgement Plagiarism