



MAGHULL HIGH SCHOOL – CURRICULUM MAP

HALF TERM 2.1 Jan - Feb	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6
TOPIC (S)	How do people get taken advantage of using E-mail	What is computer misuse and how does it affect me	How do I protect my data	How do we protect our health and safety	Review of lessons taught	Focus to support safer internet day
Knowledge & Skills development	Identify common types of computer crime Look at examples of computer crime on the Internet Learn about different types of email scams Recognise the signs of fraudulent emails	Learn about the Computer Misuse Act Look at examples of computer misuse Understand what is meant by hacking Understand what is meant by malware Learn ways to protect yourself from malware & hacking	Be aware of who might hold personal data about you Discuss the need for various organisations to hold data about you Be aware of the possibility of identity theft Know how to minimise the chance of identity theft	Learn about some of the common health and safety problems associated with computer use Learn ways of avoiding these problems Learn about Health and Safety law Learn about the need to dispose of computer equipment in a responsible manner	Demonstration of skills learnt in the unit of study	Adaptable based on the focus
Assessment / Feedback Opportunities	Classroom activity Class Discussion Questioning pupils Verbal Feedback				Written Assessment	
Cultural Capital	Using the internet safely How laws protect us					
SMSC / Promoting British Values (Democracy, Liberty, Rule of Law, Tolerance & Respect)	<ul style="list-style-type: none">• Listening to others• Responding suitable in discussions• Taking part in group activities					
Reading opportunities	Instructional writing Key word identification					
Key Vocabulary	Phishing, hacking, malware, virus, Trojan, logic bomb, geo-tagging, data harvesting, cybercrime, RSI, copyright, e-waste.					
Digital Literacy	Use of technology Digital research methods					

	Use of range of software
Careers	Data scientist; Software engineer, Machine learning engineer, Data engineer, Software architect, Natural language processing, AI research