



## MAGHULL HIGH SCHOOL – CURRICULUM MAP

HALF TERM 3.1 Apr - May	Component 3 Learning Aim C: Assessment	Component 3 Learning Aim D	Component 3 Learning Aim D: Assessment	Component 3 Revision	Component 1 Learning Aim B
TOPIC (S)	Assessment	Planning and communication in digital systems	Assessment	Learning Aim A-D	B1 Project planning techniques
Knowledge & Skills development	Demonstration of theory learnt in the unit of study	Understand how different forms of written and diagrammatical communication can be used	Demonstration of theory learnt in the unit of study	Pupils revise ready for their external examination	Investigate different planning tools and design methodologies that can be used to plan, monitor and execute projects
Assessment / Feedback Opportunities	Written Assessment	Classroom activity - Class Discussion - Questioning pupils – verbal feedback – exam questions – end of section tests	Written Assessment	Questioning pupils – exam questions – Retrieval Activates	Classroom activity - Class Discussion - Questioning pupils – verbal feedback – CW assessment
Cultural Capital	<ul style="list-style-type: none"><li>Variations of technology</li><li>Global Technology and Society</li></ul>				
SMSC / Promoting British Values (Democracy, Liberty, Rule of Law, Tolerance & Respect)	<ul style="list-style-type: none"><li>Listening to others</li><li>Responding suitable in discussions</li><li>Taking part in group activates</li></ul>				
Reading opportunities	Ghost in The Wires Social Engineering Hacking: The Art of Exploitation The Science of Secrecy from Ancient Egypt to Quantum Cryptography		5 Notorious Failed Projects & What We Can Learn from Them 10 Best Project Management Tools for Every Project Managers		
Key Vocabulary	Shared Data – Location Based Data – Transactional Data – Cookies – Data Exchange – Digital Systems – Power-Saving – Electronic Distribution – Net Neutrality – Scope – Assets – Monitoring – Sanctions – Data Protection – Right To Be Forgotten – Intellectual Property – Malware – Modification – Data Flow Diagrams – Flowcharts – System Diagrams		Task Lists - Written Or Graphical Descriptions - Gantt Charts - Critical Path Diagram - PERT Charts - Mood Boards - Mindmaps – Waterfall - Iterative, E.G. Agile		
Digital Literacy	Use of technology Digital research methods Use of range of software				

Careers	System analysist – Cyber security – White hat hacking – System testing – Software engineer – Project Manager
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