



## MAGHULL HIGH SCHOOL – CURRICULUM MAP

HALF TERM 2.2 FEB - APR	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6
TOPIC (S)	How is a database structured	Queries	Reports	forms	Review of lessons taught	DIRT & Careers
Knowledge & Skills development	<ul style="list-style-type: none"> <li>To understand how to create a database</li> </ul>	<ul style="list-style-type: none"> <li>To understand how to create a relational database</li> </ul>	<ul style="list-style-type: none"> <li>To understand how to find information in a database</li> </ul>	<ul style="list-style-type: none"> <li>To understand how to find and present information in a relational database</li> </ul>	Demonstration of skills learnt in the unit of study  Career Investigation	
Assessment / Feedback Opportunities	Classroom activity Class Discussion Questioning pupils Verbal Feedback					Written assessment
Cultural Capital	Problem solving Impact of technology on the world					
SMSC / Promoting British Values (Democracy, Liberty, Rule of Law, Tolerance & Respect)	<ul style="list-style-type: none"> <li>Listening to others</li> <li>Understanding of technology to support additional needs</li> <li>Responding suitable in discussions</li> </ul>					
Reading opportunities	<ul style="list-style-type: none"> <li>Database Design for Mere Mortals: A Hands-On Guide to Relational Database Design</li> <li>Database Systems: A Practical Approach to Design, Implementation, and Management</li> <li>Access 2016 For Dummies</li> </ul>					
Key Vocabulary	Database – Table – Fields – Record – Datatypes – Data - Flat file database - Relational database - Primary keys - Foreign Keys - One to many – relationships - Data redundancy - Input Area - Output Area – Criteria – Ascending – Descending - Comparison operators – Reports - Formatting					
Digital Literacy	Use of technology Digital research methods Use of range of software					
Careers	Database Administrator - SQL Engineer - Data Modeler - Oracle Engineer - Database Analyst					