HALF TERM 2.2 Feb - Apr	Unit 2 Learning Aim: B	Unit 2 Learning Aim: B	Unit 2 Learning Aim: C	Unit 2 Learning Aim: C
TOPIC (S)	**B2 Design documentation**	**Assessment**	**C1 Producing a database solution**	**C2 Testing and refining the database solution**
Knowledge & Skills development	Understand the features and characteristics of relational database design techniques and their application to solve problems	Demonstration of theory learnt in the unit of study	Understand how to select and configure appropriate RDBMS and SQL tools to produce a database solution to meet client's requirements	Understand different types of testing: referential integrity, functionality, security.
Assessment / Feedback Opportunities	Classroom activity - Class Discussion - Questioning pupils – verbal feedback – CA questions	Practice activity	Classroom activity - Class Discussion - Questioning pupils – verbal feedback – CA questions	
Cultural Capital	- Variations of technology - Global Technology and Society - Impact of technology			
SMSC / Promoting British Values (Democracy, Liberty, Rule of Law, Tolerance & Respect)	- Listening to others - Responding suitable in discussions - Taking part in group activates			
Reading opportunities	Database Design for Mere Mortals: A Hands-On Guide to Relational Database Design Database Systems: A Practical Approach to Design, Implementation, and Management Access 2016 For Dummies			
Key Vocabulary	Audience, purpose, requirements, tables, field attributes, validation, naming conventions, ERD, verification, validation, masks, reports, automation, queries, criteria, wild cards, calculated queries		Data tables, links, relationships, validation rules, outputs, user-interface, navigation, data-entry, automated, populating, test data, erroneous data, extreme data, test documentation,	
Digital Literacy	Use of technology Digital research methods Use of range of software			
Careers	Database Administrator - SQL Engineer - Data Modeler - Oracle Engineer - Database Analyst			