Holy Family Catholic High School

Subject	Year	Term
IT	12/13	

Topic

Creating Systems to Manage Information

Content - Intent

Prior Learning (Topic): GCSE Computer Science, Vocational IT

In order to produce information to support many business processes as well as our social
lives, relational databases are widely used to manage and process data. From the smallest inhouse systems to stock control systems for large online retailers, databases are repositories of
information that are a significant part of organisational operating requirements.

- Demonstrate knowledge of database development terminology, standards, concepts and processes
- Apply knowledge and understanding of database development terminology, standards, concepts and processes to create a software product to meet a client brief
- Analyse information about database problems and data from test results to optimise the performance of a database solution
- Evaluate evidence to make informed judgements about the success of a database's design and performance
- Be able to develop a database solution to meet a client brief with appropriate justification

Future Learning: Social Media, Web development , IT Systems

What Knowledge and Skills will be Taught (Implementation)	How will your understanding be assessed and recorded (Impact)
- The purpose and structure of relational database management system - Standard methods and techniques to design relational database solutions - Standard methods and techniques to design relational database solutions - Evaluating a database development project	This is a 5-hour exam over two days. Pupils will be required to create and evaluate a database system. Students have access to assessment hour to practice mock papers that will be marked by the class teacher Ongoing feedback Written assessment including mini quizzes, exam style questions during lesson and mock examinations. The results of Unit 1 and 2 are returned as N (Near Pass), Pass, Merit and Distinction.

How can parents help at home?

Parents can help by ensuring revision and homework is completed.

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Reading	Vocabulary List	
Know it all Ninja	Relational Database	Queries
Teach ICT	SQL	Relationships
PG Online – Information	Normalisation	
Technology	Testing	
	Interface	
	Forms	