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| G:\Brooke Weston Logos\Bitmap Images\Logo Only\BW Logo 2007 Shape GIF.gif | **Brooke Weston Academy**  OCR Level 3 Nationals in ICT  **Unit 06 – Advanced Databases** |

##### Unit 06 – Structured Study Lesson for Week 6

**Lesson plan guidance: Week 6 (AO3)**

**Area of the Specification:**

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| **Assessment**  **Objective** | **Pass** | **Merit** | **Distinction** |
| **AO3**  Interrogate the database | Candidates create queries that include:   * At least three different logical operators * At least three different range operators * calculated fields using multiple criteria on linked tables   **Some queries produced may not give the** correct results | Candidates create queries that include:   * At least three different logical operators * At least three different range operators * calculated fields using multiple criteria on linked tables * parameter queries * crosstab queries   **Most queries produced** give the correct results. | Candidates create queries that include:   * At least three different logical operators * At least three different range operators * calculated fields using multiple criteria on linked tables * parameter queries * crosstab queries   **All the queries produced** give the correct results and are efficient. |

**Lesson related objectives:**

Students to be able to:

1. Explain how the database system operates/processes
2. Display information appropriately within a page
3. Filter information within the database

**The Task: (make use of the PowerPoint and any other Word or PDF documents provided)**

***Task 1 (P / M / D)*** – Create a table as shown to describe and use a range of different queries within your database that utilise the multiple linked tables:

* At least three different logical operators
* At least three different range operators
* parameter queries
* crosstab queries
* calculated fields
* potential problems and justify how your query can be solved

***Task 2 (P / M / D)*** – Create the queries based on the designs produced within your database

* Provide screenshot evidence for creating the queries

***Task 3 (P3.3)*** – Illustrate evidence (screenshots) in the form of using a consistent and appropriate styling in the design and construction of a database for:

1. Naming of all database queries
2. Name of fields used within the database tables and queries

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| This is a homework task and you are expected to spend at least an hour on it. |

**What you should do (additional guidance):**

In preparation for next week, you need to do the following:

1. Complete all tasks