**Databases – End of unit Evaluation**

**Points to include in your evaluation:**

1. Purpose of the database Unit (*To understand and learn basic database techniques including queries, SQL table design and relationships. To apply those skills to develop a basic database*.)
2. Evaluate, identify, explain and reflect on the quality of your Database work - What could you improve? How/ Why/Work Ethics/Targets?

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| **Year 9 Database Unit** |
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| **Data and Data Representation Key Learning Objectives:**   * **I can explain** what a **database** is and their **basic features** and **key database terminology**. * **I can identify** and **explain** the **importance** of **Databases in our daily lives (***I.E. Social Media***)**. * **I can explain how to search(***Query*) a database using **multiple search criteria** *(=”RPG”***)**. * **I can explain** the **structure** and **purpose of SQL statements**. * **I understand** that a **Primary Key**is a **unique identifier for each record**. * **I can explain** how to **select** and **use** the correct **data types for a field (***Number, Character, Data, Time***)**. * **I understand** how to **create multiple tables** within a database. * **I can identify and explain** **primary, foreign keys**, **relational types** and **referential integrity**. * **I am able** to **explain** **User Interfaces** (**Human Computer Interface HCI**) and their **advantages** and **disadvantages**. * **I can create** a **GUI** for a Database. |
| **Use the snipping tool and take a screenshot of your Progress Ladder.** |

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| **Grading of your work – Badges** |
| **Silver:**   1. **Evaluate** and **explain** how your **database work** meets the **criteria for the topic**? 2. **How** you have **made sufficient progress** as shown in your **progress ladder**? 3. **How** do you **intend to improve** on the outcome with the lowest points in your next topic? |
| Evaluate, identify, explain and reflect on the quality of your Database work here……. |
| **Gold:**   1. **Evaluate, identify** and **explain** at least **two database tasks** that you feel **went very well?** 2. Now identify **two database tasks** that you feel **did not go well and why?** 3. **How** would you **improve** on the **two tasks above** if you were to complete the topic again? |
| Evaluate, identify, explain and reflect on the quality of your Database work here……. |
| **Platinum:** In your **own words;** **self evaluate, self-reflect** and **describe** how you **managed** individual tasks in the entire Database topic.  You should include the following:   1. **How well you managed your time?** 2. **How well you managed the lesson tasks?** 3. **How well you managed the research aspects of the topic?** 4. **How well you managed completion of the badge tasks?** 5. **Make sure you explain all of your answers (Why do you think this)?** |
| Evaluate, identify, explain and reflect on the quality of your Database work here……. |