**PyGame – End of unit Evaluation**

**Points to include in your evaluation:**

1. Purpose of the PyGame Unit.
2. What went well? (WWW)
3. Even Better If… (EBI)
4. Reflection - What could you improve? How/ Why/Work Ethics/Targets?

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| **Take a screenshot of your progress ladder table and the graph and replace the examples below:** |
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| **Programming and Development:*** **Design** a **simple program** that **runs** by following **a sequence of instructions**.
* Declares and assigns **functions, variables, appropriate use of sequence, selection (***if statements***) and repetition (***loops***)** to change variable values for sprite x,y coordinates.
* You will **demonstrate** use of: **arithmetic operators(\****+-//,/,%***)**, **relational operators** (*<=,>=,+=,-=,\*=,:=,==*), **conditional if statements**, and **loops** within your programs.
* Declares and assigns **data structures**(*lists***)** to store a **list of scores or hits etc..**.
* **Import** and use various library functions (maths, sys, random).
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| WWW:EBI: |
| **Algorithms:*** Design **algorithms**using a **sequence of instructions**, **iteration**(repetition/*loops*), and **selection**(*if statements*).
* Students will **understand** that **selection(***if Statements***)** is used to **change** the **outcome** of a **program** based on certain **conditions**.
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| WWW:EBI: |
| **Literacy:** * You will be able to **demonstrate** the correct use **of grammar**, **punctuation** and **spelling** of **keywords** throughout this **project** and including this **evaluation**.
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| WWW:EBI: |
| **Information Technology:*** You will be able to **create**, **store** and **edit** **digital content(***Your work***)** using **appropriate file** and **folder names**.
* You will also be able to **explain** your work and **make improvements** to solutions based on **feedback received** (*BTL*).
* You will be able to **demonstrate** that you have **used a variety** of software **to manipulate and present digital content**. (*Python IDLE/Thonny, Snipping tool, Paint, Word & BTC)*
* You will be able to **demonstrate** an awareness for the **quality of digital content** collected. (*Images used as sprites, backgrounds and audio*)
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| WWW:EBI: |
| **Reflection/Work Ethics/Targets:** |
| **Grading of your work – Badges** | **Y/N** |
| **Bronze:** Briefly evaluated all learning strands of this unit. |  |
| **Silver:** Evaluated all learning strands of this unit with WWW and EBI on all strands. |  |
| **Gold:** Evaluated all learning strands with WWW and EBI on all strands with good use of punctuation, spelling & grammar. |  |
| **Platinum:** All the above, and included a self-reflection on work ethics. |  |