**Problem Solving – End of unit Evaluation**

Under each learning strand covered in this unit, describe what you have learned by using specific key words and key phrases in that learning strands. For each learning strand, discuss

1. What went well? (WWW) – what have you learned and developed that you did not have at the start of this unit
2. Even Better If… (EBI) – how you can improve your understanding even further
3. 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 2 examples below:** | |
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| **Algorithm**   * Design simple **algorithms** using **sequences**, **loops**, and selection i.e. if statements. * Design solutions by **decomposing** a problem into smaller, solvable problems and create a sub-solution for each of these parts * Understand that algorithms are **implemented** on digital devices as programs. Uses logical reasoning to predict outcomes. * Understand **abstraction** in problem solving means removing unimportant details to solutions. * Understands that **iteration** is the **repetition of a process** such as a loop. | |
| WWW: (use the above key words and key phrases in the above learning strand, remember to be specific)  EBI: | |
| **Programming and Development:**   * Creates programs that **implement** algorithms to achieve given **goals**. * Declares and **assigns variables, appropriate use of sequence, selection (if statement) and repetition (loops)** in reaching a solution. * Understands that programming bridges the gap between **algorithmic solutions** and computers. * **Designs**, **writes** and **debugs** modular programs using **functions** | |
| WWW: (use the above key words in bold and key phrases, remember to be specific)  EBI: | |
| **Reflection/Work Ethics/Targets: (compare to your year group)** | |
| **Grading of your work – Badges** | **Y/N** |
| **Bronze:** Evaluated all learning strands of this unit but briefly. |  |
| **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. |  |