**Cryptography – 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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| **Communication and networks**   * Understand data transmission between digital computers over networks, such as transmitting web contents from web servers to browsers. * Understand data transmission can be encrypted using keys, such as used in HTTPS | |
| 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** programs | |
| WWW: (use the above key words in bold and key phrases, remember to be specific)  EBI: | |
| **Information Technology**   * Identifies and explains how the use of technology can impact on society, from the perspective of social, economic, political, legal, ethical and moral issues. * Uses criteria to evaluate the quality of solutions, can identify improvements making some refinements to the solution, and future solutions. | |
| WWW: (use the above key words and key phrases in the above learning strand, remember to be specific)  EBI: | |
| **Algorithm**   * Design simple **algorithms** using **sequences**, **loops**, and selection i.e. if statements. * Understands that **iteration** is the **repetition of a process** such as a loop. * Break down problem into simpler, solvable sub-problems. | |
| WWW: (use the above key words and key phrases in the above learning strand, 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. |  |