**Cryptography – End of unit Evaluation**

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| **Take a screenshot of your own progress graphs and replace the 2 examples below:** | |
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| The learning strands this unit covers and their respective points you can earn | |
| Under each learning strand covered in this unit, describe what you have learned by using specific key words and key phrases in that learning strand. 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? | |
| **Communication and networks learning strand:**   * Understand how secure data transmission and communication have been achieved through the use of cryptography * Understand the concepts of cipher, key, plaintext and ciphertext * Understand how Caesar cipher works * Understand how Veginere cipher works | |
| WWW: (use the above key words and key phrases in the above learning strand, remember to be specific)  EBI: | |
| **Programming and Development learning strand:**   * Did you manage to follow the instructions on BTC to write a Caesar cipher encoder? * Did you manage to follow the instructions on BTC to write a Caesar cipher decoder? * Did you have some basic understanding on using loops and if statements in solving problems? Give examples. | |
| WWW: (use the above key words in bold and key phrases, remember to be specific)  EBI: | |
| **Information Technology learning strand:**   * How well can you understand your own progress using the criteria? * How well can you evaluate the quality of solutions? * How well can you reflect on your own progress and identify improvements to be made with specifics? | |
| WWW: (use the above key words and key phrases in the above learning strand, remember to be specific)  EBI: | |
| **Algorithm learning strand:**   * Did you manage to follow the instructions on BTC to write a Caesar cipher encoder? * Did you manage to follow the instructions on BTC to write a Caesar cipher decoder? * Did you have some basic understanding on using loops and if statements in solving problems? Give examples. | |
| WWW: (use the above key words and key phrases in the above learning strand, remember to be specific)  EBI: | |
| **Reflection/Work Ethics/Targets:**   1. **Did you manage your time well?** 2. **Did you ask questions when stuck?** 3. **Did you independently read notes and research online to find answers?** | |
| **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. |  |