**How the Internet Works – End of unit Evaluation**

**Points to include in your evaluation:**

1. Purpose of How the Internet Works Unit (*To understand and learn basic programming principles using Scratch to make small programs and games*.)
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 2 examples below:** | |
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| **Communication and Networks**   1. I am able to explain the following concepts:    1. **world wide web, the internet, web browser and search engine** 2. I am able to explain the following:    1. What is an **IP address** and what it is used for    2. What is a **domain name** and what it is used for    3. What is **DNS**, why we need it and how it works | |
| WWW:(use the above bulletin point to evaluate your learning)  EBI: | |
| **Programming and Development:**   1. I have created a DNS simulator or teacher-subject look up using Scratch by using **variables, lists** 2. I have created a DNS simulator or teacher-subject look up using Scratch by using **if statement** 3. I have created a DNS simulator or teacher-subject look up using Scrathc by using **loops** 4. I have created a network simulator using Scratch by using **variables, lists** and **events** 5. I have created a network simulator using Scratch by using **if statement** 6. I have created a network simulator using Scrathc by using **loops** | |
| WWW: (use the above 6 bulletin points to guide your evaluation)  EBI: | |
| **Algorithms:**   1. I am able to explain what an **algorithm** is. 2. I am able to explain what a **linear search** is 3. I am able to using **variables, lists, event, if statements, loops to create working programs such as the DNS and network simulators** | |
| WWW: (use the above 3 bulletin points to guide your evaluation)  EBI: | |
| **Literacy:**  **When I write up my work, I aim to**   * use **correct grammar**, **punctuation** and **spelling** of keywords throughout this project. | |
| WWW: (use the above bulletin points to guide your evaluation)  EBI: | |
| **Information Technology:**   * Students will **create**, **store** and **edit** **digital content** using appropriate file and folder names. * Students will talk about their work and make improvements to solutions based on feedback received (BTL). * Students will use a variety of software **to manipulate and present digital content**. (Scratch, Snipping tool, Paint, Word & BTC) * Students will show an awareness for the quality of digital content collected. (Images used in presentations) | |
| WWW:  EBI: | |
| **Reflection/Work Ethics/Targets:** | |
| **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. |  |