**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**   * Students will understand the difference between the **internet** and internet service e.g. **world wide web**. * Students will understand how to effectively use **search engines**, and knows how search results are selected. * Understands data transmission between digital computers over **networks**, including the internet i.e. **IP addresses** and **packets**. | |
| WWW:  EBI: | |
| **Programming and Development:**   * Students will understand that programs run by following **a sequence of instructions**. * Students will make use of: **arithmetic operators**, **if statements**, and **loops** within their programs. * Students will be able to declare and assign **variables** and **lists**. (Making a DNS in scratch) * Students will develop understanding of **structured programming** using **functions**. | |
| WWW:  EBI: | |
| **Algorithms:**   * Students will understand what an **algorithm** is. * Students will understand that **iteration** is the **repetition** of a process such as a **loop**. * Students will understand that **selection** is used to change the outcome of a program based on **conditions**. * Students will design and implement simple algorithms using **iteration** (**loops**), and **selection** (if, then and else). | |
| WWW:  EBI: | |
| **Literacy:**   * Students will use **correct grammar**, **punctuation** and **spelling** of keywords throughout this project. | |
| WWW:  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. |  |