## **Class Plan ( CSS Selectors, Cascading and Specificity)**

### **Digital Excellence Program – Sample Class Plan**

**Topic: CSS Box Model**

| **Time Slot** | **Activity** | **Description** |
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| **First 5 minutes** | **Warm-up & Reflection** | Icebreaker: “what do you know about css selectors? Why do we need css selectors?” |
| **30 minutes** | **Core Concept Explanation** | * Students will learn three basic types of CSS selectors - type, class and ID and how to use combination of selectors. * The cascading effect of CSS (top to bottom). * The rules of specificity - how specificity tends to overrule the cascading effect of CSS. They will also be introduced to a website which calculates the specificity score. * Students will be taught how to debug when a CSS style doesn’t apply as intended. |
| **30 minutes** | **Activity** | Students will work on assigned projects and the instructor will note progress and clear doubts. |
| **10 minutes** | **Class Wrap-up** | Recap: Key takeaways of all three concepts. |

### **References & Notes for CSS Selectors & Divs Class Plan**

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#### **Core Concept Explanation**

**References:**

* [Basic CSS Selectors](https://developer.mozilla.org/en-US/docs/Learn_web_development/Core/Styling_basics/Basic_selectors)
* [Combinators](https://developer.mozilla.org/en-US/docs/Learn_web_development/Core/Styling_basics/Combinators)
* [The Cascade](https://web.dev/learn/css/the-cascade?continue=https%3A%2F%2Fweb.dev%2Flearn%2Fcss%23article-https%3A%2F%2Fweb.dev%2Flearn%2Fcss%2Fthe-cascade)
* [Test your skills : Selectors](https://developer.mozilla.org/en-US/docs/Learn_web_development/Core/Styling_basics/Basic_selectors/Selectors_Tasks#task_1)
* [Specificity Calculator](https://specificity.keegan.st/)