jQuery Syllabus

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JavaScript Scarlet —

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In our presentation our goal is to introduce and expose the class to a technology, jQuery, which will help expand their web development knowledge, and allow them to use jQuery when creating their own websites.

Our goal is to provide information to the class on what exactly jQuery is and how to use it as well as providing examples and questions.

Our presentation covers the following core jQuery uses:

* Syntax
* Event handling
  + easy capturing of a wide variety of events
* Effects and Animations
  + more appealing user interaction
* HTML/DOM manipulation
  + selecting, traversing, and modifying elements
* CSS manipulation
  + changing styles and properties

By the end of our presentation students will know what jQuery is, and should have a good understanding of what it is used for and how they can incorporate it into their own web development. Anything past the basic functionalities of jQuery, students will have to do further research and learn on their own.

Finally we will test the class’ understanding and help further their learning of jQuery through a jeopardy-style jQuery knowledge-based game. This will give them experience in applying their jQuery knowledge and help them better learn and absorb the information.

Further Reading

* <http://www.w3schools.com/jquery/>
* <https://oscarotero.com/jquery/>