**What is jQuery?**

jQuery is a **library**, or set of helpful add-ons, to the **JavaScript** programming language.

It takes a while to become comfortable with JavaScript, and it's trickier to manipulate HTML elements directly with JavaScript than with jQuery. In order to help you build awesome programs and websites faster, we're going to learn jQuery.

1. jQuery provides a simple interface for the underlying JavaScript
2. jQuery is much better at giving you immediate, visual results than regular JavaScript.

**Questions and Exercises**

1. What is jQuery?

It is a library of add-ons to the JavaScript language.

1. How do you include jQuery into your code?

You have to link jquery CDN to your html.

1. What is the starting point for all jQuery code?

$(document).ready(function() {

});

1. List the different methods you learned to select an HTML object using jQuery.

# - for id

. – for class

1. What is an event?

A block of code that preforms a task.

1. What event(s) did you learn to use in todays’ lesson?  
   click
2. List some of the functions that can be called from a jQuery selected HTML object.

fadeOut, fadeIn, hide,show

1. What is so special about $() in jQuery?

It is used to select a tag, id, or class.

1. Create a program that has 4 boxes. When a button is clicked hide the first and last box.

startingJQUERY9.js

1. Create a program that has 4 circles (use the border-radius css property to create circles out of div boxes). When the first circle is clicked the last one fades out slowly. When the second is clicked the last one reappears quickly and when the third is clicked they all disappear.

startingJQUERY10.js

1. Create a program that will fade out and then in slowly a h1 heading titled “JQUERY is cool!!!!!” as soon as the page loads

startingJQUERY11.js

1. In the last program add a paragraph with a single sentence “Click me to repeat that last effect 10 times!!!”. When the paragraph is clicked fade in and out the heading 10 times. Hint: use a loop!
2. Create a program that has the title QUIZ. Display a single multiple choice question where each answer is in its own pair of h1 tags. Next to each answer place a hidden green or red box (green for the right answer). When each answer is clicked show the box.

startingJQUERY13.js