[Scripting] NOTES SHEET
VCD-3650 **SCRIPTING FOR INTERACTIVITY**

LESSON 5: AFFORDANCES AND INTRODUCTION TO JQUERY AND DOM

DOM

Why the DOM?

DOM provides a standard way of _____ _____ _____ of an HTML page.

We can use DOM to _____ and _____ element content and attributes.

We can use DOM to and _____ elements (modify, insert, remove).

We can use DOM to _____ a document using sibling, parent, and child relationships.

JQUERY AND DOM

Linking to the jQuery Library

Download the desired jQuery library from jquery.com/download and save it in a _____ file, OR

Link straight to a public _____ such as the Google hosted libraries.

Search for jQuery hosted library and use the provided `<script>` tag for the latest version of jQuery.

[Scripting]

Selecting with jQuery

Use this syntax to select an element and convert it to a _____ _____:

Read and Store with jQuery

Once you've selected something from the DOM you can read its content and attributes and store these in variables:

Read just its _____ _____ content:

1. The _____ in which you're storing the value you've read.

2. The _____ as a string

Read all its _____ content:

3. (last one only)
   The desired _____ as a string:

Read _____ values:

[Scripting]

Modify with jQuery

You can use the same three methods to modify HTML content and attributes:

Replace content with _____ text:

For the first two of these methods:

1. the _____

2. the _____ _____

Replace content with _____ text:

Replace existing value for the indicated attribute:

For this third method:

1. the _____

2. the _____ _____

3. the _____ _____

[Scripting]

Working with Classes

Add a certain class:

Remove a certain class:

Toggle a certain class:

For all class modification methods:

1. the _____

2. the _____

Inserting Content

NOTE: Assume from here forward that these methods are used after selecting an element.