



JAVASCRIPT (JQUERY)

INTERMEDIATE

EXTRA RESOURCES:

HTML basics <http://www.goodellgroup.com/tutorial/>
JAVASCRIPT <https://www.codecademy.com/learn/javascript>
JavaScript code monster <http://www.crunchzilla.com/code-monster>

PREREQUISITES:

Have completed HTML activities
Have completed Javascript Beginner level
Software: Brackets <http://brackets.io/>

NAME:

AGE:

START DATE:

CARD 1

SETUP:

- Exploring project structure in brackets and the browser

http://kata.coderdojo.com/wiki/Intermediate_Javascript_Sushi

CHECKS:

- ☐ Completed setup installation
- ☐ Previewed project in the browser

CARD 2

DEBUGGING

- using Google Chrome/Firefox debugger

CHECKS:

- ☐ Was able to open debugger
- ☐ Used console.log() to log messages into the console
- ☐ Used debugger to find a list of files being used on the web page
- ☐ Completed FUN exercise

CARD 3

CLICK EVENTS

- click() & effect() functions

CHECKS:

- ☐ Wrote a click event for a submit button
- ☐ Used effect() function
- ☐ Was able to explain what a library is

CARD 4**VARIABLE AND DATA TYPES:**

- String, Number and Boolean data types

CHECKS:

- ☐ Is able to differentiate between different Data Types
- ☐ Added variables to the script
- ☐ Used console.log() to output the value of a variable
- ☐ Is able to explain how a variable is created
- ☐ Wrote a variable to store jQuery object
- ☐ Used and understood the functionality of trim() function

CARD 5**USING VARIABLES**

- Storing different data types in variables, concatenation of strings

CHECKS:

- ☐ Was able to increment the value of a variable upon button click
- ☐ Was able to output to the console the number of clicks
- ☐ Was able to “concatenate” strings

CHALLENGE:

- ☐ Find out what a word “concatenation” means in computer programming

CARD 6**IF STATEMENT**

- Conditional statements, fadeIn() & fadeOut() functions, length property

CHECKS:

- ☐ Understands what an “if statement” is and how to use it
- ☐ Is able to retrieve a value from the input box and use it in “if statement”
- ☐ Understands what “length” does
- ☐ Is able to use fadeOut() and fadeIn() functions to make text disappear/appear

CARD 7

ELSE IF AND ELSE STATEMENTS

- else if statements, indexOf()

CHECKS:

- ☐ Used else if statement to check for keywords
- ☐ Is able to explain what indexOf() function does
- ☐ Used an else statement to give a general answer
- ☐ Completed 'Fun exercise'

CARD 8

ARRAYS

- arrays, accessing values of an array, adding new values to an array

CHECKS:

- ☐ Created a 'ballResponse' array
- ☐ Added general responses to the ballResponse array using push() function
- ☐ Completed 'Fun exercise'

CARD 9

USING RANDOM FUNCTION

- random() function

CHECKS:

- ☐ Used random() function to generate a random number
- ☐ Is able to explain what a random() function does
- ☐ Understands the purpose of floor() function
- ☐ Completed 'Fun Exercise'

CARD 8

FUNCTIONS

-creating javaScript functions, parameters

CHECKS:

- ☐ Created 'changeText' function
- ☐ Was able to call the changeText() function
- ☐ Completed 'Fun Exercise'

CONGRATULATIONS
YOU HAVE COMPLETED
INTERMEDIATE JAVASCRIPT ACTIVITIES