



DREAMWEAVER

CC 18 | 19 | 20

G.A.M.E. EXPERIMENT

[GRAPHICS | ART | MEDIA | ENTERTAINMENT]

MISSION HANDBOOK



BRAINBUFFET

ADOBE CERTIFIED ASSOCIATE TUTORIALS

DREAMWEAVER CC18 | 19 | 20 Student Workbook

Graphics, Art, Media, Entertainment
(G.A.M.E.) Experiment

Mission Handbook

Welcome Graphics, Art, Media, Entertainment Recruit (G.A.M.E.R.)

The BrainBuffet Graphics, Art, Media, Entertainment (GAME) experiment mission handbooks are designed for use with the BrainBuffet video-based online courses. Graphics, Art, Media, Entertainment Recruits (GAMERs) are expected to be familiar with all resources and content within this workbook and the associated video curriculum to graduate the program. All GAMERs should have a blast learning cool stuff, create awesome images, and share their creations as frequently possible on social media, and tag us @brainbuffet to show us the amazing graphics you create!

Everything we do @BrainBuffet is #ForTheKids and #CertifiablyCreative!

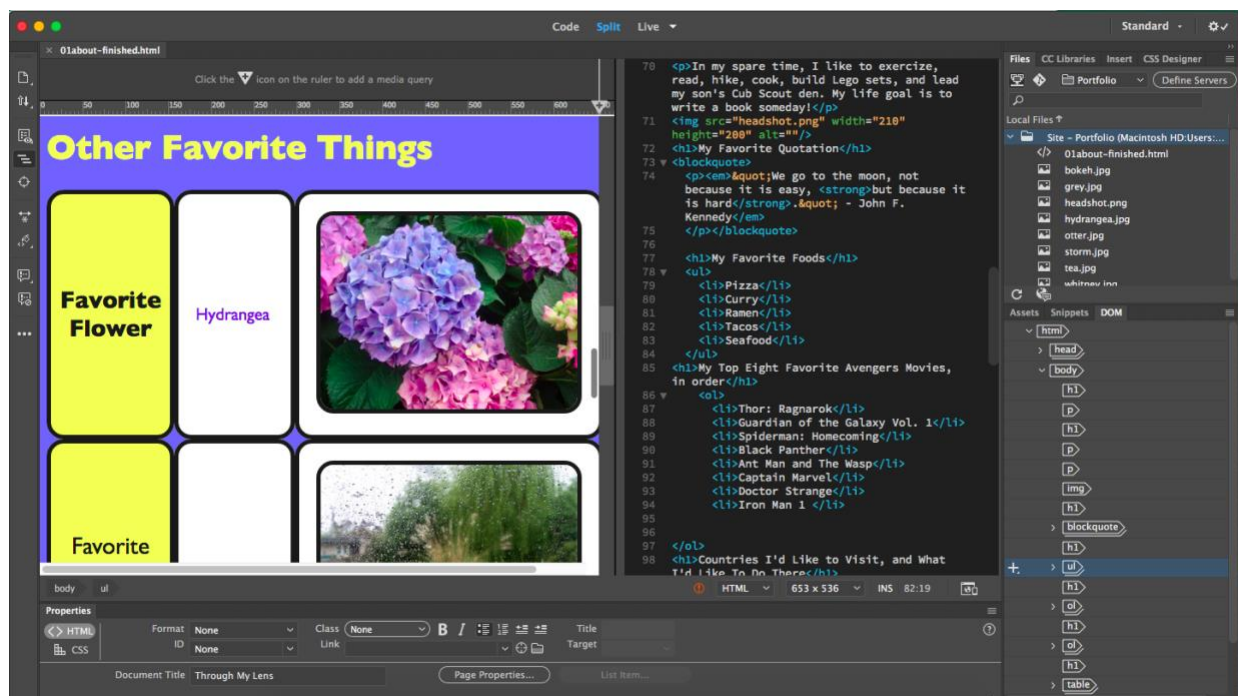
This workbook can be used and shared in its entirety as long as the footer and BrainBuffet branding is intact so people can find our video curriculum for the Adobe Certified Associate exams. Find out more about our best-selling curriculum created by award winning teachers at BrainBuffet.com.

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Dreamweaver CCI 8|19|20 Project I



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Dreamweaver CC18 | 19 | 20 Project 1 S.E.T.

Scenario: Instagram, Facebook, and WordPress are great for the sheep who like their webpages to look just like everybody else. Do you want to be a sheep? No way! Break free from the herd and learn to design your own custom web content. Learning to code isn't very hard, but luckily Adobe Dreamweaver is more than just a coding platform. In this project, you'll be introduced to the Dreamweaver interface, which will help you create and organize HTML and CSS code to design your own custom webpage.

Expectations: Create a "social media profile" page to share info about yourself, like a bio statement, hobbies, and interests.

Timeline: This should take you 4-5 hours of class time to complete.



Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress Learning, Activity, Timestamp, Experience.)

Day 1 Date:

Videos Completed: _____

Screenshots to document progress? ☒ ☒

What was the coolest thing you learned?

Day 2 Date:

Videos Completed: _____

Screenshots to document progress? ☒ ☒

What was the coolest thing you learned?

Name: _____ Date: _____ Period: _____

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress, Learning, Activity, Timestamp, Experience.)

Day 3 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 4 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 5 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 6 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Dreamweaver CC18 | 19 | 20 Project 1 Worksheets

NOTES: Using the BrainBuffet Project 1 tutorials, please answer the following questions. Key vocabulary terms are in **bold!**

1. Extend each line to match the screen shot to the **view mode** that describes the layout. (1.02)

Code View

Live View

Split View > Horizontal

Split View > Vertical

2. In what menu can you change the screen layout to horizontal/vertical, or move the code panel to the left/right/top/bottom? (1.02) _____
3. Give a definition for each HTML tag below. In the column on the right, give the closing tag that matches. (1.03)

Tag	Definition	Closing tag
<doctype>		
<html>		
<head>		
<body>		

4. Give a definition for each HTML tag below. (1.04)

Tag	Definition
<p>	
<h1>	
<h6>	
<blockquote>	
	
	

5. What is a **nested tag**? What order should nested tags be closed in? (1.04) _____

6. Look at the code below. Complete the closing tags in the correct order. (1.04)

<h1>This is my header text!<____> <____> <____>

7. What is a **root folder**? (1.05) _____

8. Explain what each of the 4 **Creative Commons** restrictions means. Insert a screen shot of the icon that represents that restriction. (1.05)

Restriction	Icon	Definition
Attribution		
Share Alike		
Non Commercial		

No Derivatives

9. What are the four image file types that are supported by web browsers? (1.05) _____

10. Annotate the following lists with the correct tags. (1.06)

Unordered List	Ordered List	Nested List
<code><__></code> <code><__>Item<__></code> <code><__>Item<__></code> <code><__>Item<__></code> <code><__></code>	<code><__></code> <code><__>Item #1<__></code> <code><__>Item #2<__></code> <code><__>Item #3<__></code> <code><__></code>	<code><__></code> <code><__>Item #1<__></code> <code><__></code> <code><__>Sub-Item<__></code> <code><__>Sub-Item<__></code> <code><__>Sub-Item<__></code> <code><__></code> <code><__>Item #2<__></code> <code><__>Item #3<__></code> <code><__></code>

11. Annotate the code for the table below with the correct tags. (1.07)

<____>

<____>

<____> First Row, First Cell <____>

<____> First Row, Second Cell<____>

<____>

<____>

<____> Second Row, First Cell <____>

<____> Second Row, Second Cell<____>

<____>

<____>

12. Fill in the blanks to complete the hyperlink tags below. (1.08)

<__ __ = __ http://www.url.com__> Click here to go to the page <__>

<__ __ = " __ email@certiport.com"> Click here to email me <__>

<__ __ = " __ 308-555-1234"> Click here to call me <__>

13. What does it mean when you see **file:///** in front of an image's source location, and how do you fix it? (1.09) _____

Name: _____ Date: _____ Period: _____

14. In what three locations can you insert an image into your webpage (other than typing the tag by hand?) (1.09) _____

15. When you have an image selected in the Properties panel, what happens when you click the check mark next to the image's dimensions? (1.09) _____

16. Explain what **hotlinking** is, and why it is not a good professional practice in the web design industry. (1.10) _____

17. Complete the code for the CSS rule below with the missing syntax elements (1.11)

body ____

background-color ____ black ____

font-family ____ sans-serif ____

18. What are two tips to remember when choosing fonts and colors for the text on your webpage to make them easy to read? (1.11) _____

Name: _____ Date: _____ Period: _____

19. Identify each of the **hexadecimal** color values below. (1.12)

#FFFFFF = white #000000 = _____

#FF0000 = _____ #0000FF = _____

#00FF00 = _____

20. Identify each of the **RGB** color values below. (1.12)

rgb(255, 255, 255) = white rgb(0, 0, 0) = _____

rgb(255, 0, 0) = _____ rgb(0, 0, 255) = _____

rgb(0, 255, 0) = _____

21. Add a **tag selector** to make the rule below target both ordered and unordered lists.

(1.13)

```
_____ {  
    background-color: black;  
    color: blue;  
}
```

22. What CSS property allows you to remove or change the bullet point on a list? (1.13)

23. Define each tag needed to create a table. (1.07, 1.13)

Name: _____ Date: _____ Period: _____

Tag	Definition
<table>	
<tr>	
<td>	
<th>	

24. Complete the CSS rule below to style your hyperlinks to be white with no underlines.

(1.14)

```
_____ {  
    _____: # _____;  
    _____: _____;  
}
```

25. How do you preview what your webpage will look like using a real browser that you have installed on your computer, such as Chrome or Firefox? (1.14) _____

Dreamweaver CC18 | 19 | 20 Project 1 Checklist and Rubric

PROJECT 1 SPECIFICATIONS	
<p>Create an HTML Page describing yourself that includes the following elements:</p> <ul style="list-style-type: none"> <input type="checkbox"/> A bio paragraph with a photo (the photo can be of yourself, or it can be generic like a photo of your dog or favorite sports team logo) <input type="checkbox"/> A favorite quotation, formatted with blockquotes <input type="checkbox"/> 3 lists – a bulleted list, a numbered list, and a nested list that includes both bullets and numbers <input type="checkbox"/> A table listing your favorite things with a header row and at least 4 content rows. Each row should contain an image and a hyperlink. <input type="checkbox"/> A Contact section that contains a <i>fake</i> email and telephone link. Do not give out your personal information online! <input type="checkbox"/> manage your site folder by naming images and folders properly and keeping links organized. <input type="checkbox"/> Use CSS to style the elements of your page in a visually attractive manner that represents your personality and interests. 	<p>Site folder should have:</p> <p>/my_portfolio</p> <ul style="list-style-type: none"> <input type="checkbox"/> about.html <input type="checkbox"/> profile picture <input type="checkbox"/> 6-8 images of your favorite things <p>You should be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Open different panels in Dreamweaver <input type="checkbox"/> Use the Properties, Insert, and CSS Designer panels <input type="checkbox"/> Know the basic HTML text tags to create paragraphs, headings, lists, tables, and hyperlinks. <input type="checkbox"/> Insert and resize images. <input type="checkbox"/> Style HTML tags using CSS rules. <input type="checkbox"/> Save an HTML page in Dreamweaver. <input type="checkbox"/> Choose copyright-free images for a website. <input type="checkbox"/> Preview an HTML page using a live browser.

Dreamweaver Project 1 “All About Me” Scoring Rubric		
Areas of Improvement <i>Your teacher can provide feedback in this column to show you areas in your skills that need improvement. Points may be deducted by your teacher from this column.</i>	Criteria <i>The basic requirements of the project are listed in this column. If you meet these criteria, you are right on track! Great job!</i>	Evidence of Exceeding Standards <i>Your teacher can provide feedback in this column to point out areas where you have demonstrated skill that goes above and beyond the basic criteria. Extra Credit may be awarded.</i>
	Page Content – 10 points Your page contains a biography, “profile picture,” favorite quotation, three lists, a table that identifies your favorite things with hyperlinks and images, and a Contact section.	
	HTML and CSS Structure – 10 points The structure of your HTML tags and CSS rules displays correctly without any errors. Your code is written cleanly with spacing and indentation as appropriate.	
	Correct Images and Hyperlinks – 10 points All images display correctly, and all hyperlinks work. Images are appropriately sized within your page content with acceptable resolution.	
	File Management – 10 points All files (pages and images) and folders are named meaningfully and according to best practice (camelCase or hyphens, no spaces). Files and folders are organized in an easy to understand manner.	
	Creativity and Design – 10 points The visual and design elements of your page create a pleasing, professional finished product.	
Total Score:		

Dreamweaver CC18 | 19 | 20 Project 1 Extension Projects

Project 1 Extension Challenges:

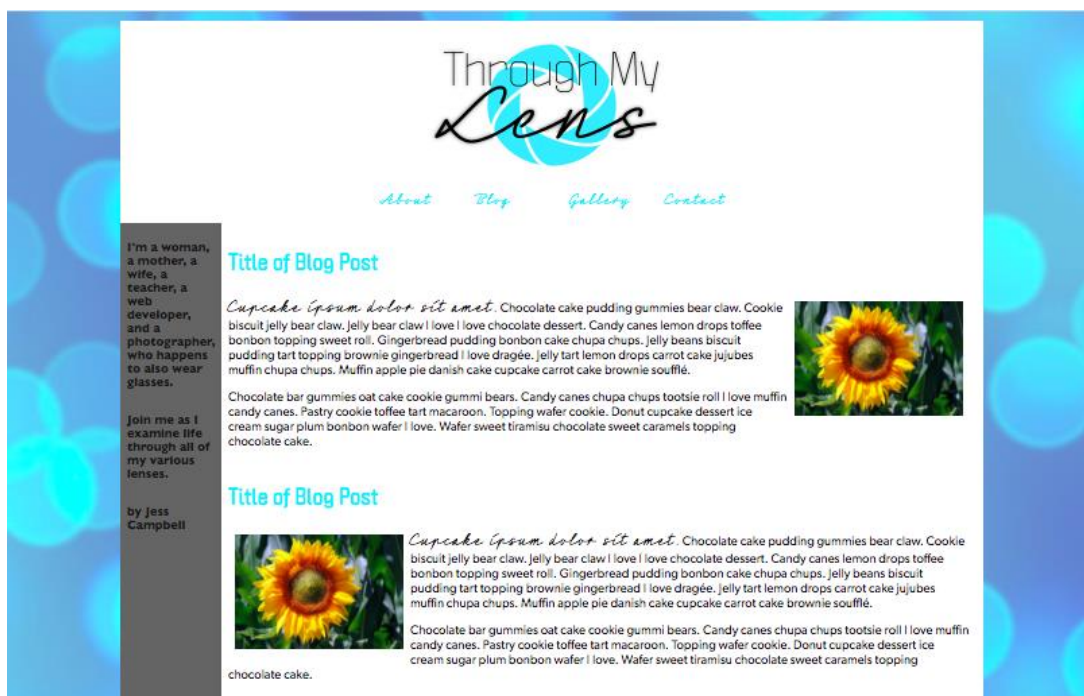
- Add additional sections to your “About Me” page, such as an image gallery, or question and answer section.
- Work on a free online course in HTML and CSS from Codecademy.com

Project 1 Cross-Curricular Enrichment:

Create an “About Me” social media page for a person from any curricular area – an author, mathematician, historical figure, scientist, inventor, or fictional character.



Dreamweaver CCI 8|19|20 Project 2



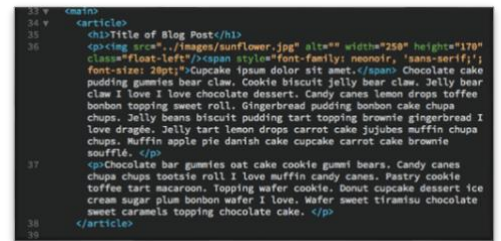
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Dreamweaver CC18 | 19 | 20 Project 2 S.E.T.

Scenario: An "About Me" page generally stays pretty static – once created, most people don't spend a lot of time updating the basic information it contains. Most people share their daily thoughts and experiences in a blog-style feed. In this project, you'll level up your knowledge of HTML and CSS by learning some advanced design tricks and more efficient ways to code that will let you create a more complex page.

Expectations: Create a "blog" page to share regular updates and stories from your everyday life.

Timeline: This should take you 4-5 hours of class time to complete.



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(Progress Learning, Activity, Timestamp, Experience.)

Day 1 Date:

Videos Completed: _____

Screenshots to document progress? ☒ ☒

What was the coolest thing you learned?

Day 2 Date:

Videos Completed: _____

Screenshots to document progress? ☒ ☒

What was the coolest thing you learned?

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress, Learning, Activity, Timestamp, Experience.)

<p>Day 3 Date:</p> <p>Videos Completed: _____</p> <p>Screenshots to document progress? ✓ ✗</p> <p>What was the coolest thing you learned?</p>	<p>Day 4 Date:</p> <p>Videos Completed: _____</p> <p>Screenshots to document progress? ✓ ✗</p> <p>What was the coolest thing you learned?</p>
<p>Day 5 Date:</p> <p>Videos Completed: _____</p> <p>Screenshots to document progress? ✓ ✗</p> <p>What was the coolest thing you learned?</p>	<p>Day 6 Date:</p> <p>Videos Completed: _____</p> <p>Screenshots to document progress? ✓ ✗</p> <p>What was the coolest thing you learned?</p>

Dreamweaver CC18 | 19 | 20 Project 2 Worksheets

NOTES: Using the BrainBuffet Project 2 tutorials, please answer the following questions. Key vocabulary terms are in *bold***!**

1. What is the **DOM panel** used for? (2.01) _____

2. Explain the difference between **internal** and **external** CSS styles. (2.02) _____

3. Which tag is used to attach an external CSS style sheet to an HTML document? (2.02)

4. Complete the CSS rule below to add a background image to the box. (2.02)

header {

_____ : _____ ("image.jpg");

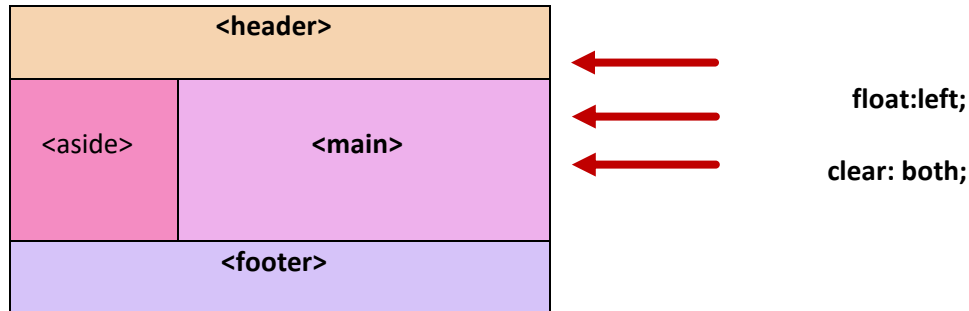
}

5. What is the result of setting a background image's size to **cover**? (2.02) _____

6. Add the code to turn the text below into an **HTML comment**. (2.03)

_____ Make this text an HTML Comment _____

7. Look at the diagram below. Move the arrows to label each element according to whether it needs to be **float**ed or **clear**ed. (Properties can be used more than once, and not all elements need a property.) (2.03)



8. Write the HTML code to create a new div with an ID of container, and a CSS rule to style that div. In the CSS rule, add the property used to center the div. (2.04)

`<div ____ = __ container ____ > <____>`

`____container {`
`width: 300px;`
`____: ____;`
`}`

9. In the code below, fill in the blanks to add the missing closing tags. Not all blanks will be filled!!! Make sure the header and footer are nested inside of the container. (2.04)

`<html>_____`

Name: _____ Date: _____ Period: _____

<head> _____

<body> _____

<div id="container"> _____

<header> _____

<footer> _____

10. Give a definition for each HTML tag below. (2.01, 2.03)

Tag	Definition
<header>	
<main>	
<footer>	
<aside>	

11. What are the two uses of the **float property**? (2.06) _____

12. What is the advantage to using **web fonts** over **system fonts**? (2.07) _____

13. When is it appropriate to use **inline** CSS styles (instead of internal or external styles?)

(2.07) _____

14. What tag is used to create inline CSS styles? (2.07) _____

15. Write the HTML code to create a new image with a class of gallery, and a CSS rule to style all images with that class. In the CSS rule, add the property used to wrap text around the image. (2.08)

```
<_____="photo1.jpg" _____="gallery"/>          ____gallery {  
                                     _____: _____;  
                                     }  
                                     }
```

16. Using the Dreamweaver interface, where are two places you can attach a class to an existing HTML element? (2.08)

a. _____

b. _____

17. Give a definition for each HTML tag below. (2.05, 2.09)

Name: _____ Date: _____ Period: _____

Tag	Definition
<article>	
<nav>	

18. Summarize the steps taken to turn an unordered list into a horizontal row of buttons?

(2.09) _____

19. What happens when you choose File > **Save All**? (2.09) _____

20. List the four CSS **pseudo-classes** that attach behaviors to hyperlinks, in the correct order. What behavior does each pseudo-class control? (2.10)

Pseudo-class	Behavior
a:	
a:	
a:	
a:	

Name: _____ Date: _____ Period: _____

21. What saying can help you remember the correct order of hyperlink pseudo-classes?

(2.10) _____

22. What CSS property creates rounded corners on a box? (2.10) _____

23. Explain the steps necessary to link an existing external CSS style sheet to a new HTML document, using the CSS Designer panel? (2.11) _____

24. Explain the steps you would take to create a new HTML form that includes a **text input field** and a **submit button**. (2.11) _____

25. What is the difference between **radio buttons** and **check boxes**? (2.11) _____

26. Why is using the **Post method** of submitting form data more secure than the **Get method**? (2.12) _____

27. Look at the CSS rules below. If all three of these rules are being used together, what will be the shape, background-color, and text color of the #box that are actually displayed? Why? (2.13)

External style rule	<pre>#box { width: 100px; height: 100px; background-color: blue; }</pre>
Internal style rule	<pre>#box { height: 200px; background-color: pink; color: white; }</pre>
Inline style rule	<pre><div id="box"> Hello everybody! </div></pre>

Dreamweaver CC18 | 19 | 20 Project 2 Checklist and Rubric

PROJECT 2 SPECIFICATIONS	
<p>Create an HTML Page that is designed to display brief entries that includes the following elements:</p> <ul style="list-style-type: none"> <input type="checkbox"/> A page structure using HTML5 structural tags <input type="checkbox"/> An external CSS file to keep your style rules consistent across pages <input type="checkbox"/> Floated elements such a sidebar and text-wrapped images <input type="checkbox"/> A navigation bar with working links to other pages in your site <input type="checkbox"/> A series of content boxes with a consistent layout to house your blog entries <input type="checkbox"/> Link rollover effects <input type="checkbox"/> A comment box with a non-functioning Submit button <input type="checkbox"/> manage your site folder by naming images and folders properly and keeping links organized. <input type="checkbox"/> Use CSS to style the elements of your page in a visually attractive manner that represents your personality and interests. 	<p>Site folder should have:</p> <p>/my_portfolio</p> <ul style="list-style-type: none"> <input type="checkbox"/> about.html <input type="checkbox"/> blog.html <input type="checkbox"/> styles.css <input type="checkbox"/> all images used on each page <p>You should be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Know the HTML5 structural tags <input type="checkbox"/> Use the DOM and Assets panel <input type="checkbox"/> Float HTML elements <input type="checkbox"/> Apply any property in the CSS Designer panel <input type="checkbox"/> Understand the different reasons to use external, internal, and inline CSS styles <input type="checkbox"/> Understand the different reasons to use element, class, and ID selectors for CSS rules. <input type="checkbox"/> Know how to make CSS rules apply to more than one selector <input type="checkbox"/> Know how to make CSS rules apply to only certain instances of an element <input type="checkbox"/> Create an HTML form

Dreamweaver Project 2 “Blog Page” Scoring Rubric

Areas of Improvement <i>Your teacher can provide feedback in this column to show you areas in your skills that need improvement. Points may be deducted by your teacher from this column.</i>	Criteria <i>The basic requirements of the project are listed in this column. If you meet these criteria, you are right on track! Great job!</i>	Evidence of Exceeding Standards <i>Your teacher can provide feedback in this column to point out areas where you have demonstrated skill that goes above and beyond the basic criteria. Extra Credit may be awarded.</i>
	Page Content – 10 points Your page contains a navigation menu, HTML5 structural tags, an external CSS style sheet, at least three blog entry articles, and a comment box.	
	HTML and CSS Structure – 10 points The structure of your HTML tags and CSS rules displays correctly without any errors. Your code is written cleanly with spacing and indentation as appropriate.	
	Layout and Positioning Page elements are positioned correctly to avoid empty space and create good alignment and balance. Floats and other positioning techniques are used as needed.	
	Correct Images and Hyperlinks – 10 points All images display correctly, and all hyperlinks work. Images are appropriately sized within your page content with acceptable resolution.	
	File Management – 10 points All files (pages and images) and folders are named meaningfully and according to best practice (camelCase or hyphens, no spaces). Files and folders are organized in an easy to understand manner.	
Total Score:		


Dreamweaver CC18 | 19 | 20 Project 2 Extension Projects

Project 2 Extension Challenges:

- Compose actual text to go in your blog entry boxes.
- Complete your navigation bar by hyperlinking back to the About Me page, and your Super Fan page if you created one.
- Work on a free online course in HTML and CSS from Codecademy.com

Project 2 Cross-Curricular Enrichment:

Continue the social media page project for a person from any curricular area – an author, mathematician, historical figure, scientist, inventor, or fictional character. Compose blog entries told from that person's point of view that narratively dramatize real events that happen in their lives.












[About](#)
[Blog](#)
[Gallery](#)
[Contact](#)

I'm a woman, a mother, a wife, a teacher, a web developer, and a photographer, who happens to also wear glasses.

Join me as I examine life through all of my various lenses.

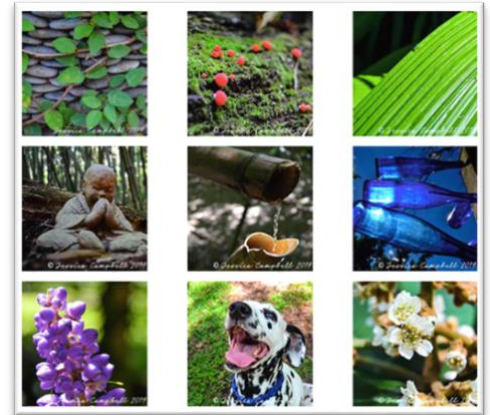
by Jess Campbell

Image Gallery

Dreamweaver CC18 | 19 | 20 Project 3 S.E.T.

Scenario: All businesses need a website, but it's important to remember that a huge portion of web traffic is through mobile phones, not desktop computers. Some consumers only have access to the internet via their phones! And a phone screen is a lot smaller than a computer screen. In order to be a successful web developer, you need to master the skill of responsive design, which will allow your webpage design to detect the size of the browser it's being used on, and adjust itself to fit. This allows all of your visitors to view your page content, whether they're at home or on the go!



Expectations: Create a responsive image gallery for your website.

Timeline: This should take you 4-5 hours of class time to complete.

```

40 <!--
41 <!--Image Gallery-->
42 <div class="column">
43 
45 
47 
49 </div>
50 <div class="column">
51 
53 
55 
57 </div>
58 <div class="column">
59 
62 
64 
66 </div>

```

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(Progress Learning, Activity, Timestamp, Experience.)

Day 1 Date:

Videos Completed: _____

Screenshots to document progress? ☒ ☒

What was the coolest thing you learned?

Day 2 Date:

Videos Completed: _____

Screenshots to document progress? ☒ ☒

What was the coolest thing you learned?

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress, Learning, Activity, Timestamp, Experience.)

Day 3 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 4 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 5 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 6 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Dreamweaver CC18 | 19 | 20 Project 3 Worksheets

NOTES: Using the BrainBuffet Project 3 tutorials, please answer the following questions. Key vocabulary terms are in *bold***!**

1. Explain why using **page templates** is helpful when designing a website? (3.01) _____

2. How do Dreamweaver's editable template regions work? (3.01) _____

3. Describe three different ways you can create a new div using Dreamweaver's interface? (3.02)

a. _____

b. _____

c. _____

4. Why is it important to use the Dreamweaver Files panel to rearrange files in your site folder, instead of your system's file viewer? (3.02) _____

Name: _____ Date: _____ Period: _____

5. Why did we use a **class selector** (.column) to make the CSS rule for the columns, instead of an **ID selector** (#column) or **element selector** (div) (3.03)? _____

6. List each of the five values of the CSS **position** property and a description of what each does. (3.04)

Value	Description
position: static;	
position: relative;	
position: absolute;	
position: fixed;	
position: sticky;	

7. Explain what the term **responsive design** means in web development. (3.05) _____

8. How does a **media query** work to make a web page responsive? (3.05) _____

9. Fill in the blanks below to complete the media query so that the CSS rules inside only apply when the viewport is larger than 600px wide. (3.05)

Name: _____ Date: _____ Period: _____

____media (_____: _____px) ____

body {

background-color: blue;

}

10. Describe two places you can create media queries using Dreamweaver's interface.

(3.05, 3.07)

a. _____

b. _____

11. What CSS property can make an HTML element invisible? (3.07) _____

12. Explain the difference between **block** and **inline** HTML elements. What does the CSS

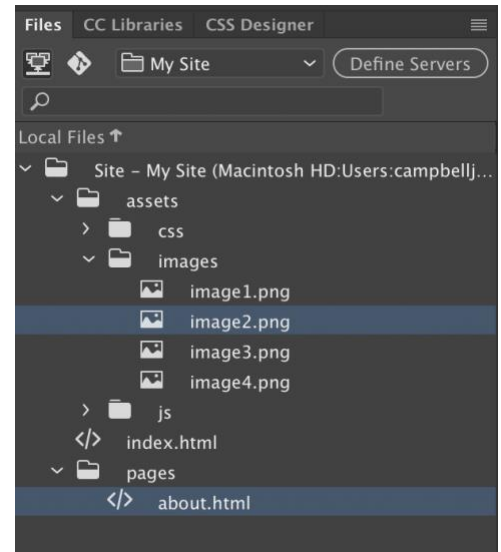
display property allow you to do? (3.07) _____

13. Describe the process of replacing a **placeholder image** with a different image file.

(3.08) _____

14. You want to place the file image2.png on the about.html page. Using the file structure shown, fill in the blanks to write a **site root relative** and a **document relative** file path for that image. (3.08)

Site root relative
/_____/_____/image2.png
Document relative
____assets/____/image2.png



15. Explain the principle of **accessibility** on the web. (3.09) _____

16. What is **alt-text** and why is it important to maintaining accessibility? (3.09) _____

17. In what Dreamweaver panel can you easily add alt-text to your images? (3.09) _____

18. List the steps you need to take to run an alt-text report for every page in your site.

(3.09) _____

Name: _____ Date: _____ Period: _____

19. What are the three types of video files supported by the <video> tag? (3.10) _____

Dreamweaver CC18 | 19 | 20 Project 3 Checklist and Rubric

PROJECT 3 SPECIFICATIONS

- ☐ Create a Dreamweaver template from the page you made in Project 2.
- ☐ Use the template to create a new starter page for this gallery project. In your new page, create the following structures:
 - A layout structure of 3 columns using the <div> tag.
 - Place at least 3 images inside each column, and create a CSS rule to float the columns side-by-side.
 - Develop two media queries for your page that change the column layout based on the size of the browser detected.
 - On tablet-sized browsers, the columns should display two at a time.
 - On mobile-sized browsers, the columns should all display stacked on top of each other.
 - Create a modified navigation menu for your mobile media query so that the buttons are easier to tap with a finger on a mobile display.
 - Add your own images to the gallery placeholder files, or find images from the internet that reflect your interests. For the best appearance, crop your images so they are all the same dimensions before you add them to your page.
 - Add alt-text to all images to ensure your webpage is accessible to those with visual impairments.
 - Create a video slideshow of your images and add it to your page using the <video> tag.
- ☐ For Video 3.04, follow along with your own copy of the csspositioning.html file.
- ☐ As you create your page, be sure to keep up with the following tasks:
 - manage your site folder by naming images and folders properly and keeping links organized.
 - Use CSS to style the elements of your page in a visually attractive manner that represents your personality and interests.

Site folder should have:

- /my_portfolio
 - /images
 - all images
 - /pages
 - about.html
 - blog.html
 - gallery.html
 - /assets
 - styles.css
 - /templates
 - template.dwt

You should be able to:

- ☐ Create Dreamweaver templates and add editable regions.
- ☐ Move files and create folders using the Files panel.
- ☐ Position HTML elements using the CSS properties float and position.
- ☐ Create media queries to make a webpage responsive
- ☐ Replace placeholder images with other files
- ☐ Add alt-text to images and explain the principles of web accessibility.
- ☐ Insert videos using the <video> tag.

Dreamweaver Project 3 “Image Gallery” Scoring Rubric

Areas of Improvement <i>Your teacher can provide feedback in this column to show you areas in your skills that need improvement. Points may be deducted by your teacher from this column.</i>	Criteria <i>The basic requirements of the project are listed in this column. If you meet these criteria, you are right on track! Great job!</i>	Evidence of Exceeding Standards <i>Your teacher can provide feedback in this column to point out areas where you have demonstrated skill that goes above and beyond the basic criteria. Extra Credit may be awarded.</i>
	Page Content – 10 points Your page contains at least three columns, with at least three images in each column.	
	HTML and CSS Structure – 10 points The structure of your HTML tags and CSS rules displays correctly without any errors. Your code is written cleanly with spacing and indentation as appropriate.	
	Layout and Positioning Page elements are positioned correctly to avoid empty space and create good alignment and balance. Media Queries are used to change your column layouts in response to the size of the browser window.	
	Correct Images and Hyperlinks – 10 points All images display correctly, and all hyperlinks work. Images are appropriately sized within your page content with acceptable resolution.	
	File Management – 10 points All files (pages and images) and folders are named meaningfully and according to best practice (camelCase or hyphens, no spaces). Files and folders are organized in an easy to understand manner.	
Total Score:		

Dreamweaver CC18 | 19 | 20 Project 3 Extension Projects

Project 3 Extension Challenges:

- Use Photoshop to learn how to crop and resize images for the web. Check out Project 1 from [BrainBuffet's Photoshop course](#), specifically videos #5 and #8.
- Add captions underneath the images in your gallery. The trick is getting the captions and images to float together neatly!
- Extend your learning further with a quick tutorial on making image thumbnails enlarge when clicked. Check out this one from the W3Schools:
https://www.w3schools.com/howto/howto_js_tab_img_gallery.asp
- Work on a free online course in HTML and CSS from Codecademy.com

Project 3 Cross-Curricular Enrichment:

Students can continue whatever cross-curricular theme may have been started in Projects 1 and 2 and expand it to fit the “image gallery” project with images to illustrate their topic.



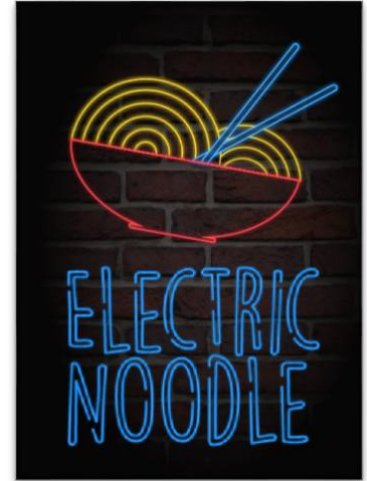
Dreamweaver CCI8|19|20 Project 4



BRAINBUFFET
ADOBE CERTIFIED ASSOCIATE TUTORIALS

Dreamweaver CC18 | 19 | 20 Project 4 S.E.T.

S **cenario:** We've been hired by an imaginary restaurant called *Electric Noodle* to develop their new website! In this project, you'll learn some new professional skills that will help you learn to work with clients and manage a large project the way you would in a real development firm. The first video in this project is a *FIELD TRIP* to interview some professional web developers about their workplace!



In addition, now that you have the hang of the basic principles of HTML and CSS, there are so many great tools out there to save you time as a professional developer. One of them is called *Bootstrap*, which is a framework that is so popular, that Dreamweaver built it right into its interface! The basic idea is that you use some pre-made CSS rules to develop your page as a grid of columns right from the very start – no floating or positioning necessary! There are also some really neat JavaScript features built in, such as an image slideshow!

E **xpectations:** Create a homepage for the restaurant *Electric Noodle* using the Bootstrap framework to organize your content into columns.

T **imeline:** This should take you 3-4 hours of class time to complete.

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress Learning, Activity, Timestamp, Experience.)

Day 1 Date:

Videos Completed: _____

Screenshots to document progress? ☒ ☒

What was the coolest thing you learned?

Day 2 Date:

Videos Completed: _____

Screenshots to document progress? ☒ ☒

What was the coolest thing you learned?

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress, Learning, Activity, Timestamp, Experience.)

Day 3 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 4 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 5 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 6 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Dreamweaver CC18 | 19 | 20 Project 4 Worksheets

NOTES: Using the BrainBuffet Project 4 tutorials, please answer the following questions. Key vocabulary terms are in *bold*!

1. What is **UX design**, and how does it help make a web development project more successful? (4.01) _____

2. Explain what **iteration** means, and how it helps make a web development project more successful. (4.01) _____

3. What is a **target audience**? Give some examples of **demographic information** that is helpful to know about your target audience when planning a project. (4.01) _____

4. What are some effective ways to gather feedback about a site's **usability** before and after it's been published? (4.01) _____

5. Give a definition for each of the **project planning deliverables** listed in the table below. (4.01-4.02)

Mood Board	
Style Tile	
Site Map	
Wireframe	

6. What is **Bootstrap**? (4.03) _____

7. What file name must you use to name the file that you want to be automatically loaded by the browser when a visitor enters your root domain address? In other words, which file will be loaded automatically when a user enters <http://www.domain.com> in their web browser's address box? (4.03) _____

8. What is the purpose of the **<meta>** tag? (4.04) _____

9. What is the purpose of an **XML Sitemap**? (4.04) _____

10. Describe the steps you would take to locate the existing CSS styles affecting an HTML element using the CSS Designer panel? (4.05) _____

11. You have created a shape using Photoshop that you want to use as a <div> box in your webpage. You need to copy CSS style rules for the shape from the Photoshop document using the **Extract panel** and apply them to a <div> in your webpage. Put the steps below to accomplish that task in order. (4.05)

- ___ Click "Paste Styles."
- ___ Open the Extract panel.
- ___ Select the shape you want to copy.
- ___ In the CSS Designer panel, locate the rule that will style your div box.
- ___ Click "Copy Styles."
- ___ Upload the .psd document, then open it.
- ___ Right click on the name of the style rule.

12. How can you use the DOM panel to duplicate or delete tags? (4.06) _____

13. Complete the CSS rule below to meet each of the following requirements. (4.07)

#box {

Stretches the width of the page, no matter what size the browser viewport is.
Remains in place as the user scrolls up and down the page.
Remains on top of all other elements.

_____ : _____ ;

_____ : _____ ;

_____ : _____ ;

}

14. How many columns does a Bootstrap layout use? (4.08) _____

15. If you want to have six horizontal boxes in a bootstrap row, how many columns should each box span? (4.08) _____

Dreamweaver CC18 | 19 | 20 Project 4 Checklist and Rubric

PROJECT 4 SPECIFICATIONS

- ☐ Create a new site for the Electric Noodle restaurant. (Make sure all your files stay separate from your previous project's site as you work.)
- ☐ Set up the page's title and metadata tags.
- ☐ Use CSS to design the page's basic appearance.
- ☐ Create a navigation bar with a list item structure. Use the CSS Designer panel to locate the rules for the nav bar and customize it with a fixed position at 100% width of the screen, and colors/fonts to match your design.
- ☐ Use the Live Code features to modify the bootstrap columns so you have 4 tiles across the page.
- ☐ Replace all of the page's placeholder images and text with your own content.
- ☐ Use the DOM panel to remove any unneeded page elements from the template, such as unused navigation links or content placeholders.
- ☐ Manage your site folder by naming images and folders properly and keeping links organized.
- ☐ Use CSS to style the elements of your page in a visually attractive manner that represents your personality and interests.

Site folder should have:

- /electric_noodle
 - /css
 - bootstrap-4.0.0.css
 - /images
 - all images
 - index.html
 - /js
 - related js files

You should be able to:

- ☐ Understand the different types of documents used to plan and prepare a web development project.
- ☐ Create new pages using pre-built Bootstrap templates.
- ☐ Use the CSS Designer panel to locate existing style rules affecting specific HTML elements.
- ☐ Copy CSS style rules from Photoshop documents using the Extract panel.
- ☐ Modify a Bootstrap template to offset and add columns.
- ☐ Use the DOM panel to duplicate and delete tags.

Dreamweaver Project 4 “Intro to Bootstrap” Scoring Rubric

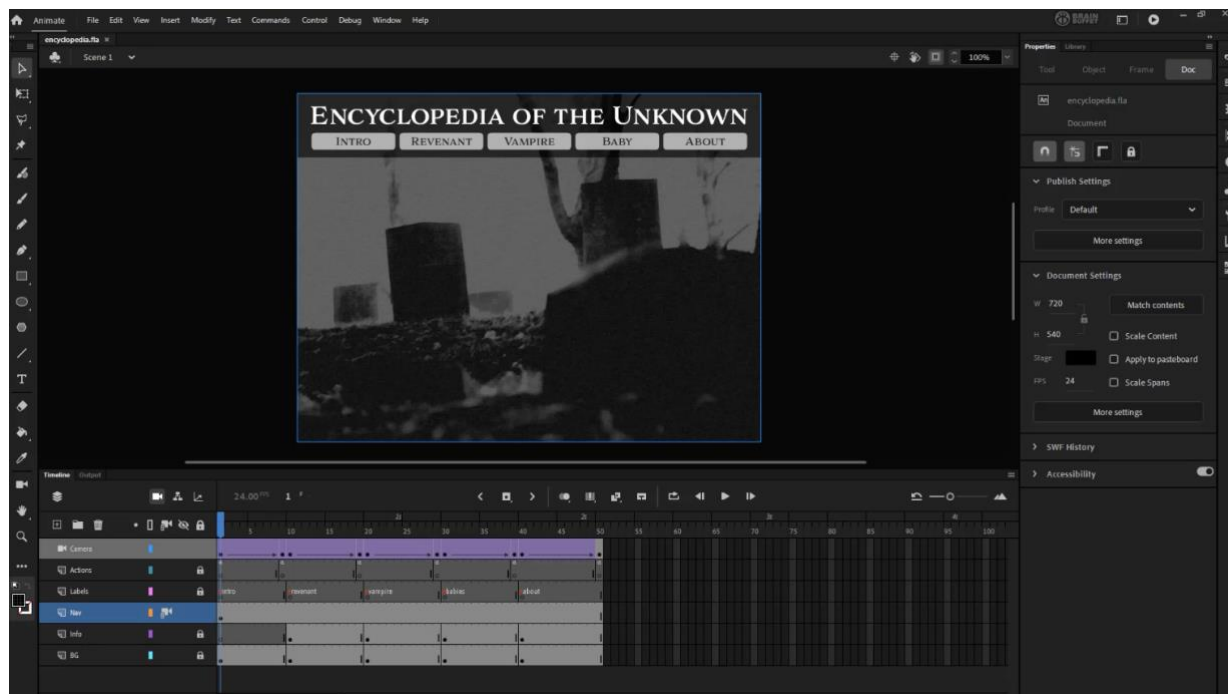
Areas of Improvement <i>Your teacher can provide feedback in this column to show you areas in your skills that need improvement. Points may be deducted by your teacher from this column.</i>	Criteria <i>The basic requirements of the project are listed in this column. If you meet these criteria, you are right on track! Great job!</i>	Evidence of Exceeding Standards <i>Your teacher can provide feedback in this column to point out areas where you have demonstrated skill that goes above and beyond the basic criteria. Extra Credit may be awarded.</i>
	Page Content – 10 points Your page template has been customized to include text and images specific to the Electric Noodle restaurant.	
	HTML and CSS Structure – 10 points The structure of your HTML tags and CSS rules displays correctly without any errors. Your code is written cleanly with spacing and indentation as appropriate.	
	Layout and Positioning Page elements are positioned correctly to avoid empty space and create good alignment and balance. Bootstrap layout structures are used to position columns and navigation elements.	
	Correct Images and Hyperlinks – 10 points All images display correctly, and all hyperlinks work. Images are appropriately sized within your page content with acceptable resolution.	
	File Management – 10 points All files (pages and images) and folders are named meaningfully and according to best practice (camelCase or hyphens, no spaces). Files and folders are organized in an easy to understand manner.	
Total Score:		

Dreamweaver CC18 | 19 | 20 Project 4 Extension Projects

Project 4 Extension Challenges:

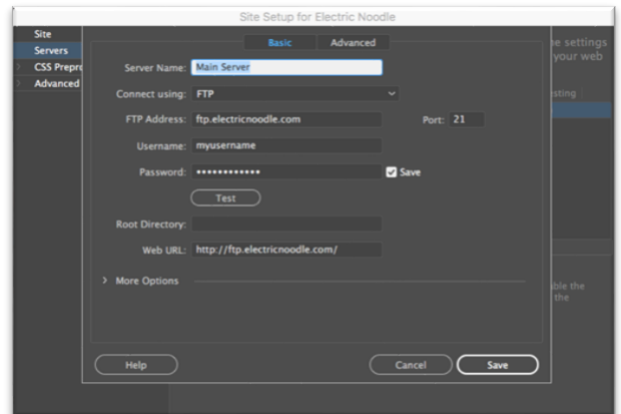
- Continue filling the rest of the template using custom place-holder text and images.
- Come up with your own business idea, and create a website to market your product or service. Use Photoshop or Illustrator to develop your own mood boards, logos, style tiles, and wireframes. Choose a Bootstrap template that you like, and create your own site.
- Work on a free online course in HTML and CSS from Codecademy.com

Dreamweaver CCI 8|19|20 Project 5



Dreamweaver CC18 | 19 | 20 Project 5 S.E.T.

Scenario: The most exciting part of a web development project is that moment where it officially goes live for the world to see! In this project, you'll learn about Dreamweaver's really helpful systems to both check your code and make sure it's ready for prime-time, and also manage your server files to keep your site running smoothly. After this project, you'll be ready to go live with your projects in this class, and also ready to get certified by Adobe!



Expectations: Run pre-deployment checks on spelling and code, then set up a server and publish your site!

Timeline: This should take you 2-3 hours of class time to complete.

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress Learning, Activity, Timestamp, Experience.)

Day 1 Date:

Videos Completed: _____

Screenshots to document progress? ☒ ☒

What was the coolest thing you learned?

Day 2 Date:

Videos Completed: _____

Screenshots to document progress? ☒ ☒

What was the coolest thing you learned?

Name: _____ Date: _____ Period: _____

Make sure to finish your BrainBuffet P.L.A.T.E. for every day you're working on a tutorial!
(Progress, Learning, Activity, Timestamp, Experience.)

Day 3 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Day 4 Date:

Videos Completed: _____

Screenshots to document progress? ✓ ✗

What was the coolest thing you learned?

Dreamweaver CC18 | 19 | 20 Project 5 Worksheets

NOTES: Using the BrainBuffet Project 5 tutorials, please answer the following questions. Key vocabulary terms are in *bold*!

1. Explain why it's important to check the links in your website before publishing it? (5.01)

2. Complete the table below with a definition of each of the types of hyperlinks that are shown in Dreamweaver's Link Checker report. (5.01)

Broken Links	
Orphaned Pages	
External Links	

3. What is **linting**, and why is it important to do both during editing and before you publish your website? (5.01) _____

4. Where can you change the linting settings in Dreamweaver? (5.01) _____

5. In what panel can you view a list of all the errors that Dreamweaver detects as it lints your document automatically for you? (5.01) _____

Name: _____ Date: _____ Period: _____

6. In what viewing mode must you be for Dreamweaver's Spell Checker to work? (5.01)

7. How many files in your site can Dreamweaver check for spelling at one time? (5.01)

8. What is a **server**? How does it help visitors see your website? (5.02) _____

9. What does **FTP** stand for, and what does it do? (5.02) _____

10. Drag each term to label the screenshot below with all the tasks that can be completed in the Files panel. (5.03)

Put/Upload Files

Get/Download Files

Connect to Server

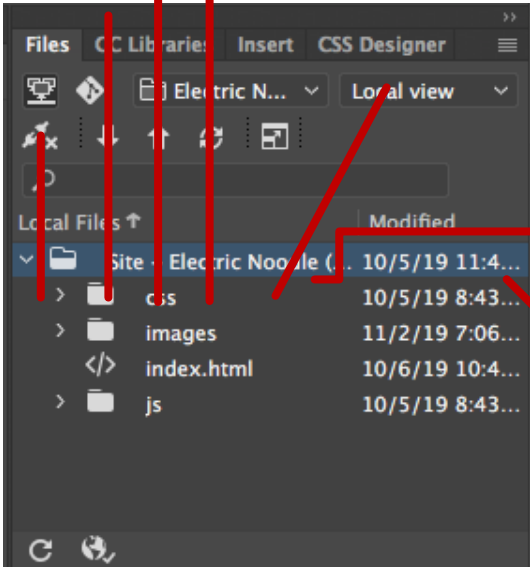
Expand Local + Remote Files

Refresh Files

Switch Sites

with Server

es



The screenshot shows the Dreamweaver Files panel. Red arrows point to the following elements: 1. The 'Files' tab at the top. 2. The 'Local Files' section header. 3. The 'Site' dropdown menu. 4. The 'Electric Noodle' site name. 5. The 'Modified' column header. 6. The file list containing 'css', 'images', 'index.html', and 'js'.

11. Describe each of the advanced settings that can be set up in the Servers menu. (5.04)

Cloaking	
File Check in/Check out	
Case Sensitivity	
Link Checking	
Testing Server	

12. Why don't web development projects "end" when the site is published? What are the continuing responsibilities of a web developer after a site has gone live? (5.05) _____

13. Why is it important to check the usability of a site after it's been published? What are some ways to effectively accomplish this? (5.05) _____

14. What are **site analytics**, and how can they help you identify problems with your site's usability? (5.05) _____

Dreamweaver CC18 | 19 | 20 Project 5 Checklist and Rubric

PROJECT 5 SPECIFICATIONS	
<ul style="list-style-type: none"> <input type="checkbox"/> Perform site checks to be sure your pages are ready for public use. Check for broken/orphaned links, check spelling, and check for code errors. Also be sure to manually confirm the working address of each absolute link in your site. <input type="checkbox"/> Set up a FTP connection to your server, and transfer files to the remote server. (If your class doesn't have server space, be sure to watch these videos and create a dummy server to practice the process so you're ready for your certification exam.) <input type="checkbox"/> Explore some of the settings on the server that can help you work remotely as a team, such as check in/check out, cloaking, and testing servers. <input type="checkbox"/> Be sure to manage your site folder by naming images and folders properly and keeping links organized. 	<p>Site folder should have:</p> <ul style="list-style-type: none"> /electric_noodle <ul style="list-style-type: none"> ▪ /css <ul style="list-style-type: none"> ○ bootstrap-4.0.0.css ▪ /images <ul style="list-style-type: none"> ○ all images ▪ index.html ▪ /js <ul style="list-style-type: none"> ○ related js files <p>You should be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Perform site checks to ensure your site is ready for publishing, including linting, spell checking, and link checking. <input type="checkbox"/> Set up an FTP connection. <input type="checkbox"/> Use the Files panel to connect to a server and transfer files. <input type="checkbox"/> Manage advanced server settings.

Dreamweaver Project 5 “Publishing a Site” Scoring Rubric

Areas of Improvement <i>Your teacher can provide feedback in this column to show you areas in your skills that need improvement. Points may be deducted by your teacher from this column.</i>	Criteria <i>The basic requirements of the project are listed in this column. If you meet these criteria, you are right on track! Great job!</i>	Evidence of Exceeding Standards <i>Your teacher can provide feedback in this column to point out areas where you have demonstrated skill that goes above and beyond the basic criteria. Extra Credit may be awarded.</i>
	Server Settings – 20 points Your FTP account is set up properly to connect to your server – or – a dummy testing server has been correctly created.	
	Server File Management – 20 points All file and folder names are transferred to the remote server in such a way that all pages display properly and all links work when clicked.	
	General File Management – 10 points All files (pages and images) and folders are named meaningfully and according to best practice (camelCase or hyphens, no spaces). Files and folders are organized in an easy to understand manner.	
Total Score:		