

# Abby Langner

## Developer Portfolio Book

October 2012

### Overview

My available portfolio contains many simple to moderately complex sites with different purposes and using different tools. I believe I can offer the most to anyone who wants a simple informational site, a functional JavaScript application, or implementation of a site/application which is already designed. I am also capable of helping with requirements-gathering, ongoing support, customizations, and much more.

I consider it a privilege to work in a field where each project can be distinctly unique and provide opportunities to learn and grow with new and different technologies.

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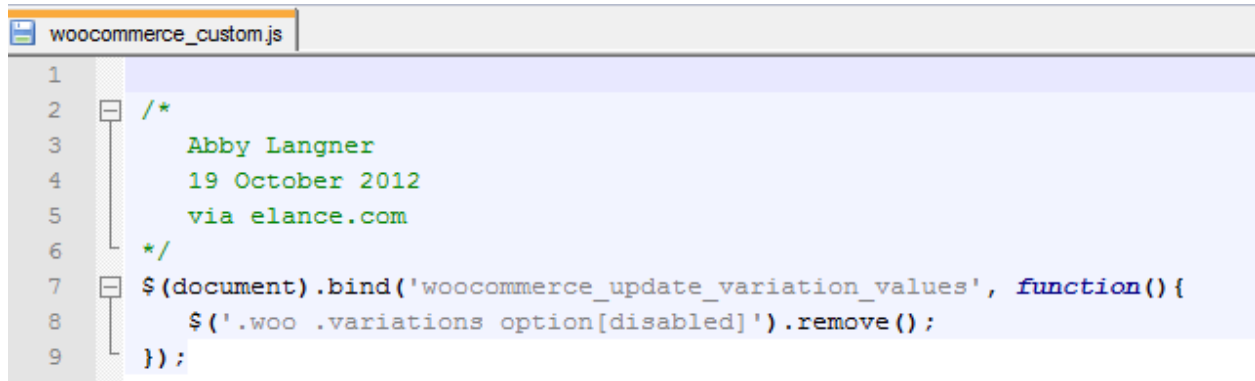
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## WP Plugin Edit: WooCommerce Hide Out-of-Stock Variations



```
1
2  /*
3     Abby Langner
4     19 October 2012
5     via elance.com
6  */
7  $(document).bind('woocommerce_update_variation_values', function(){
8     $('.woo .variations option[disabled]').remove();
9  });
```

### Description:

WordPress is an excellent platform due to the ease-of-use and highly customizable themes and plugins. The WooCommerce plugin uses event-driven scripting. For this edit, I bound an additional function to the relevant event in order to remove the out-of-stock variations from the variations dropdown menu.

By default these out-of-stock variations were simply disabled in the form. My initial reaction was to use the simple CSS rule:

```
.variations option[disabled]{
    display: none;
}
```

However, I discovered quickly that this has cross-browser issues when the pages have validation/parsing errors. By using the W3C validation service, I determined that the plugins and theme on the site were causing multiple issues, and that the JavaScript/jQuery solution above was the safest way to address browser compatibility.

Live Site: [yanktonflighttrainingcenter.com](http://yanktonflighttrainingcenter.com)



### Description:

A simple one-page informational site. I performed all duties involved in creating this site—gathering requirements, working with the plane graphic, writing the HTML and CSS, registering the domain, and hosting the site.

Live Site: [canworksmart.com](http://canworksmart.com)



### Description:

This site was already designed and functioning as a Rails project. My job (performed while I was an employee at agapered.com) was to convert it to a WordPress site in order to give the client more access to customize the text content. It involved theming with custom PHP work, JavaScript features, and WP-friendly CSS, as well as modifying the jShortCodes plugin for their custom FAQ accordions.

## Web application: Lindsay VFD Calculator

### Description:

This application is a one-page web site that performs a calculation on all input fields and displays a graphic result. It was written with JavaScript and the HighCharts JS plugin. This app was written to be used with mobile browsers such as Safari on iPad. A separate designer provided graphics and fonts. The project life cycle for a calculator application like this one is roughly 1 to 2 weeks.



## Former Web Site: Abby's Door Teaching Portfolio

Abby Hurlburt

Home Preservice Standards Philosophy

### Standards for Preservice Teacher Education

Click on a Standard to See Relevant Artifacts and a Reflection

Standards List	Details
1. <a href="#">Understands Content</a>	7. <i>Plans for Instruction</i> DOE 24:16:07:01 (3) INTASC 7
2. <a href="#">Understands Development</a>	The teacher demonstrates instructional planning based upon knowledge of students, subject matter, technology, curriculum goals, and the community.
3. <a href="#">Understands Difference</a>	
4. <a href="#">Designs Instructional Strategies</a>	<ul style="list-style-type: none"><li>• <a href="#">SEED296 Lesson Plan</a></li><li>• <a href="#">Plan</a> and <a href="#">PowerPoint</a> used during Internship Field Experience (see Standard 8 for the accompanying worksheet)</li><li>• <a href="#">Geometry Unit Plan</a></li><li>• <a href="#">Plan</a> used during Math Methods course as Lesson Study at VHS (see Standard 8 for the accompanying worksheet)</li><li>• <a href="#">Unit Plan for Introduction to JavaScript</a></li></ul>
5. <a href="#">Manages and Motivates</a>	
6. <a href="#">Communicates</a>	
7. <a href="#">Plans for Instruction</a>	
8. <a href="#">Evaluates</a>	
9. <a href="#">Reflects on Practice</a>	
10. <a href="#">Participates in the Professional Community and Seeks Professional Growth</a>	12/09: Almost every class in my teacher education program has provided me opportunities to plan lessons in my content areas that include clear goals and objectives. I am a "planner" by nature and constantly revise the plans that I use or intend to use. Varied instructional experiences (including incorporating today's technology!) are a key, as well as assessments to match.
11. <a href="#">Integrates Technology to Enhance Learning</a>	
12. <a href="#">Understands Evolution of Public Education and its Legal and Ethical Responsibilities</a>	

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### Description:

A simple three-page informational site with a JavaScript feature to swap out "Details" content as shown in the screenshot above. I performed all duties involved in creating this site—gathering requirements and artifacts, creating graphics, writing HTML and CSS, registering the domain, and hosting the site.

## Web Site and Blog: Abby's Door Professional Home



### Description:

This was a major upgrade to the Abby's Door Teaching Portfolio done in 2012. It features a WordPress blog with a customized theme and a "Projects" page with a list of portfolio artifacts.



## Curriculum: CSS Unit

### CSS Unit Overview

Week 1: Oct 20-22	<ul style="list-style-type: none"><li>• Introduction/Overview</li><li>• HTML Review</li><li>• HTML Template</li><li>• History of Web Style</li></ul>
Week 2: Oct 25-29	<ul style="list-style-type: none"><li>• Web Colors</li><li>• Background Images with Tag &amp; ID Selectors</li><li>• Editing Background Images</li></ul>
Week 3: Nov 1-3	<ul style="list-style-type: none"><li>• Replacing Deprecates Features of HTML</li><li>• Text and Font Properties</li></ul>
Week 4: Nov 8-12	<ul style="list-style-type: none"><li>• Text and Font Properties Continued</li><li>• Mini-Project: Animal Web Page</li><li>• CSS Review + Quiz</li></ul>
Week 5: Nov 15-19	<ul style="list-style-type: none"><li>• Box Model</li><li>• Tables Vs. Divs</li><li>• Layout Assignment</li></ul>
Week 6: Nov 22-23	<ul style="list-style-type: none"><li>• Links and External Sheets</li><li>• Review</li><li>• CSS Final Project Overview</li></ul>
Week 6: Nov 29-Dec 3	<ul style="list-style-type: none"><li>• CSS Final Project</li><li>• CSS Review + Quiz</li></ul>

17. The picture below is one possible result. It doesn't have to be exactly like mine, but it should be perfectly mirrored both vertically and horizontally.



18. Save this new tiling image at "tile.png" in your "background activities" folder.

19. Add the following style tag and CSS in the head section of your test page.

```
<style type="text/css">
  body {
    background-image: url('tile.png');
  }
</style>
```

20. Test in a Web browser.

5. Notice the different parts of code.

- Your style tag (shown in purple) will always be the same. This HTML tag indicates to your browser that the code in between is for CSS.
- The parts in red are called "selectors" and they tell the browser that all styles between the curly brackets ({ and }) should be applied to certain elements on the page. In this case, there are two styles that should be applied to the body tag, and one style that should be applied to all h3 tags.
- The parts in green are called "properties" and they indicate what kind of styles to apply. Here there are two kinds of properties: the background color and the foreground color.
- The parts in blue are called the "values" and they specify a certain value to go with each property.
- The colons separate the properties from their values, and the semicolons go after the values.

6. Test this code by viewing it in your browser.

7. All of the colors are specified by name. Go ahead and change some of the names and test again.

8. But how many names of colors do you know? Probably not as many as there are colors available. To get the full range of available colors, we need to use color codes.

9. Replace the color names so that your code looks like the sample below. The test them in your browser.

```
<style type="text/css">
  body {
    color: #FFC0CC;
    background-color: #00FF00;
  }
  h3 {
    color: #000000;
  }
</style>
```

#### Parts of CSS:

```
<style type="text/css">
  selector {
    property: value;
  }
</style>
```

### Description:

As a student teacher at Central High in Omaha, I developed and taught a CSS unit for 1<sup>st</sup> semester Web design students who had already gotten the basics of HTML and Graphic Design. I wrote a web-based, step-by-step guide to supplement the in-class instruction, and it is available online at <http://abbysdoor.com/curriculumsamples/web12css/studentschedule.html>



## Former Web Site: Mrs. Langner's Class Page

Welcome to Mrs. Langner's Page!

Alg1-2

**Algebra 1-2 Documents**  
Unit 4B [Info Page](#)  
Unit 4B [Review Packet](#)  
Unit 5 [Info Page](#)  
Unit 5 [LG1A Review](#)  
Unit 5 [LG1B Review](#)  
Unit 5 [LG2 Review](#)  
Unit 5 [Unit Review Pack](#)  
Unit 6 [Info Page](#)  
Unit 6 [LG1 Review](#)  
Unit 6 [LG2 Review](#)  
Unit 6 [Review](#)  
Unit 7 [Info](#)  
Unit 7 [WS1 Polynomial Basics](#)  
Unit 7 [WS2 Combine Like Terms](#)  
Unit 7 [WS3 Add/Sub Polynomials](#)  
Unit 7 [WS4 Multiply Monomials](#)  
Unit 7 [WS5 Multiply Polynomials](#)  
Unit 7 [Review #1](#)  
Unit 7 [WS6 Greatest Common Factor](#)  
Unit 7 [WS7 Factoring a=1](#)  
Unit 7 [WS8 Factoring Difference of Squares](#)  
Unit 7 [WS9 Factor Mixed Types](#)  
Unit 7 [Review #2](#)  
Unit 7 [WS10 Factor by Grouping](#)  
Unit 7 [WS11 Factor a!=1](#)  
Unit 7 [WS12 Multiply/Factor Opposites](#)  
Unit 7 [Review #3](#)  
Unit [Review](#)

Contact Info

**How to contact Mrs. Langner:**  
School Phone: 402-557-3300 Ext. 7004  
Email: [Abby.Langner@ops.org](mailto:Abby.Langner@ops.org)  
Office: Room L41A  
(The stairway landing between the 3rd and 4th floor on the 1-side)  

Graph Paper

[Click Here](#) for graph paper.

Alg3-4

**Algebra 3-4 Documents**  
Unit 4 [Review](#)  
Unit 5 [Review](#)  
Unit 6 [Info Page](#)  
U6WS1: [Functions Review](#)  
U6WS2: [Factoring and Solving Review](#)  
U6WS3: [Graphing Hyperbolas](#)  
U6WS4: [Graphing No Common Factors](#)  
U6WS5: [Graphing Packet](#)  
U6WS6: [Multiply/Divide Rationals](#)  
U6WS7: [Add/Sub Rationals](#)  
U6WS8: [Simplify Complex Fractions](#)  
U6WS9: [Simplify Review](#)  
U6 Quiz #3 [Replacement Pack](#)  
U6WS10: [Solving LCD](#)  
U6WS11: [Solve with Cross Multiply](#)  
U6WS12: [Solving Practice](#)  
U6 [Review](#)

Alg1-2

**Algebra 1-2 Notes**  
[Unit 4B](#)  
Jan 4: [Function and Slope Review](#)  
Jan 5: [Slope-Intercept Review](#)  
Jan 9: [Point-Slope Form](#)  
Jan 10: [Standard Form](#)  
Jan 11: [Solving All Forms](#)  
Jan 12: [Graphing All Forms](#)  
[Unit 5](#)  
Jan 20: [Intro to Unit 5](#)  
Jan 23: [Graphing Systems 1](#)

Notes Message

**Daily Notes**  
On this portion of the page, you will find daily notes for the current unit of instruction.  
On the left, Algebra 1-2 notes were selected based on the best representation of the notes throughout the day.  
On the right, the Algebra 3-4 class may find the exact notes that we took in their class.  
This is an ideal resource for students who are absent and need to make up work, or students who simply want to study the original notes.

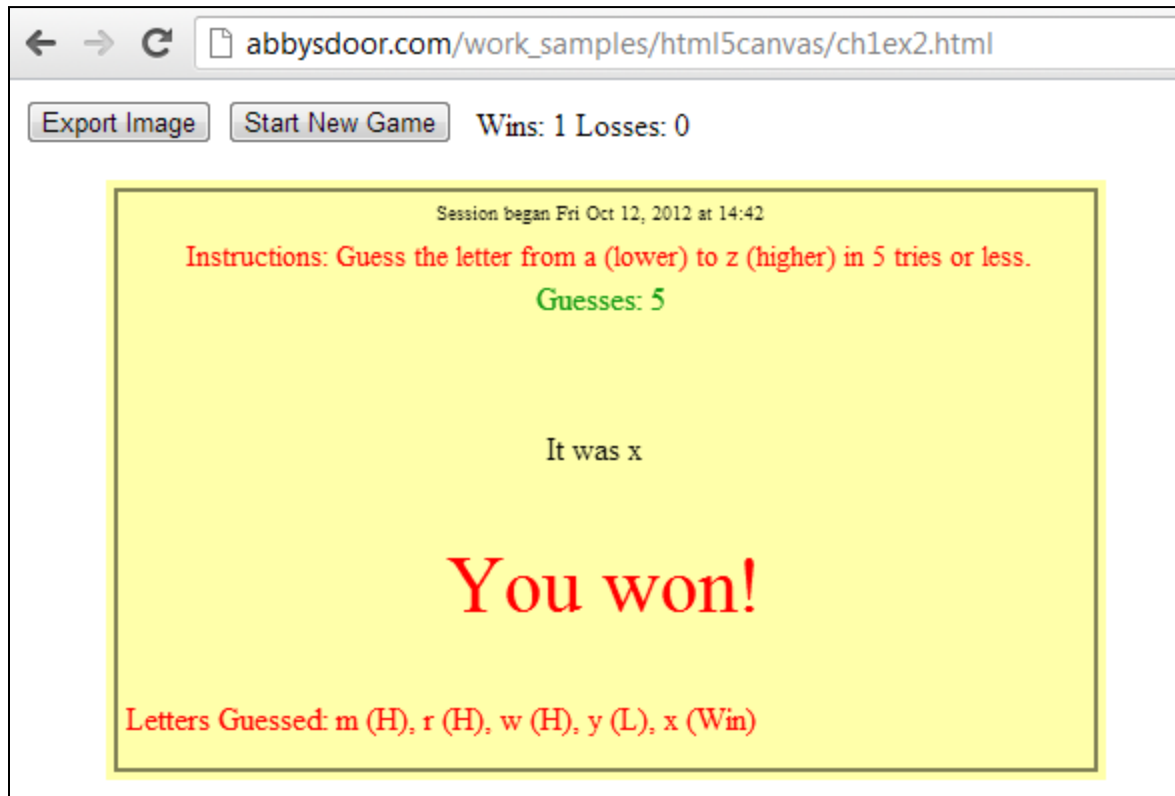
Alg3-4

**Algebra 3-4 Notes**  
[Unit 4](#)  
Jan 4: [Evaluating Exponents and Logs](#)  
Jan 5: [Properties of Exponents and Logs](#)  
Jan 9: [Exponential Growth and Decay](#)  
Jan 10: [Exponential Growth and Decay](#)  
Jan 11: [Modeling and Euler's Number](#)  
Jan 17: [Inverse Properties](#)  
Jan 18: [Solving Part 1](#)  
Jan 20: [Solving Part 2](#)  
Jan 23: [STP2 and Properties Cards](#)

## Description:

As a teacher at Central High in Omaha, I maintained a classroom resources page to be a resource for my students. This was maintained through the DotNetNuke system as required by the district. I can assist clients with using any content-manager to set up Web pages while training the client how to maintain it.

## Just For Fun: Guess The Letter Game



### Description:

This is a simple "Guess the Letter" game written in JavaScript using the HTML5 Canvas element, and it's best viewed in Google Chrome due to compatibility concerns with the new Canvas element. It is based on the Chapter 2 tutorial from the O'Reilly book "HTML5 Canvas" (The Kaka Book).