

## **Create a Responsive Child Theme for Thesis - Lesson 2 - Create the Header**

### **Setup Thesis Design Options**

1. Describe the new child theme
  - a. 2 columns
  - b. thesis default header
  - c. thesis feature box
2. columns & column width
3. page framework
4. header
5. feature box

### **HTML Structures for Responsive Design**

1. What is an HTML Structure?
  - a. the div structure of a page
  - b. structural containers
  - c. with styles applied to them
2. Thesis Full Width Framework HTML Structure
  - a. 3 main divs
  - b. Each div has page
  - c. Each page has containers
  - d. #header\_area .page containers
    - i. ul.menu
    - ii. #header
  - e. #content\_area .page containers
    - i. #content\_box
      1. #content
      2. #sidebars
  - f. #footer\_area .page containers
    - i. #footer
3. What Happens when a site responds to device width?
  - a. shrink
  - b. stack
  - c. disappear

### **Setup the Child Theme File Structure**

1. An organizational scheme
  - a. custom
  - b. lib
2. Contents of lib
  - a. admin
  - b. classes
  - c. css
  - d. functions
  - e. images
  - f. scripts
  - g. widgets
3. Add Thesis to the NetBeans project

### **WordPress Constants and File Locations**

1. Why use constants?

2. Parent theme constants - TEMPLATEPATH
3. Child theme constants - STYLESPATH
4. Create custom constants
5. Include theme files

### **Understanding the Thesis Header & Nav Menu**

1. The Thesis default header
  - a. Follow the Thesis path
    - i. Start with frameworks
    - ii. builds the head
    - iii. chooses the framework
  - b. thesis\_header
  - c. thesis\_default\_header
    - i. image or
    - ii. title & tagline
  - d. launch.php
2. The Thesis Nav Menu
  - a. Calls register\_nav\_menu()
  - b. WordPress register\_nav\_menu()
    - i. registers a location
    - ii. location can be selected from the appearance >> menus admin screen
    - iii. doesn't place the menu anywhere - simply gives it a handle
  - c. thesis\_nav\_menu()
    - i. initially hooked in launch.php
    - ii. checks to see if a WP menu is created
      1. IF so, calls wp\_nav\_menu()
    - iii. checks to see if Thesis menu is created

### **Construct the Child Theme Header**

1. Create and include the file
2. Create the function
  - a. function name
3. Create the HTML Structures
  - a. div left
  - b. div right
  - c. clearing div
4. Add Thesis Functionality to the header
5. Add the Menu to the Header
  - a. understanding wp\_nav\_menu()
    - i. typical arguments
    - ii. default values
  - b. our use of the wp\_nav\_menu()
    - i. primary location
    - ii. container
    - iii. fallback

### **Repurposing the Thesis Custom Loop**

1. Overview of what the class does
  - a. calls the parent construct method
    - i. parent construct method determines which loop should be applied
  - b. specifies the method that fires on the wp init hook

- c. init method specifies actions and filters methods to fire
  - d. sample home loop
  - e. sample archive loop
2. Change it
  - a. rename it
  - b. remove the sample loops
  - c. add the header function to the action method
  - d. check the result
3. Place it in it's own file
4. Include the file
5. check the result