

CMPS-218

Fall 2019

TR 1:40-3:25 pm

Project: Final

Due Date: Nov 21 2019

Your Names with your class ID –
highlight the leader in red

Enter Title

Project is published at:

http://students.laverne.edu/~userLogin/CMPS218/PROJ_FINAL and

http://students.laverne.edu/~userLogin/CMPS218/PROJ_FINAL

CSS FILES PUBLISHED AT:

<http://students.laverne.edu/~userLogin/CMPS218/FINALProj/my.css>

http://students.laverne.edu/~userLogin/CMPS218/FINALProj/my_print.css

Submitted to Prof. Jozef Goetz

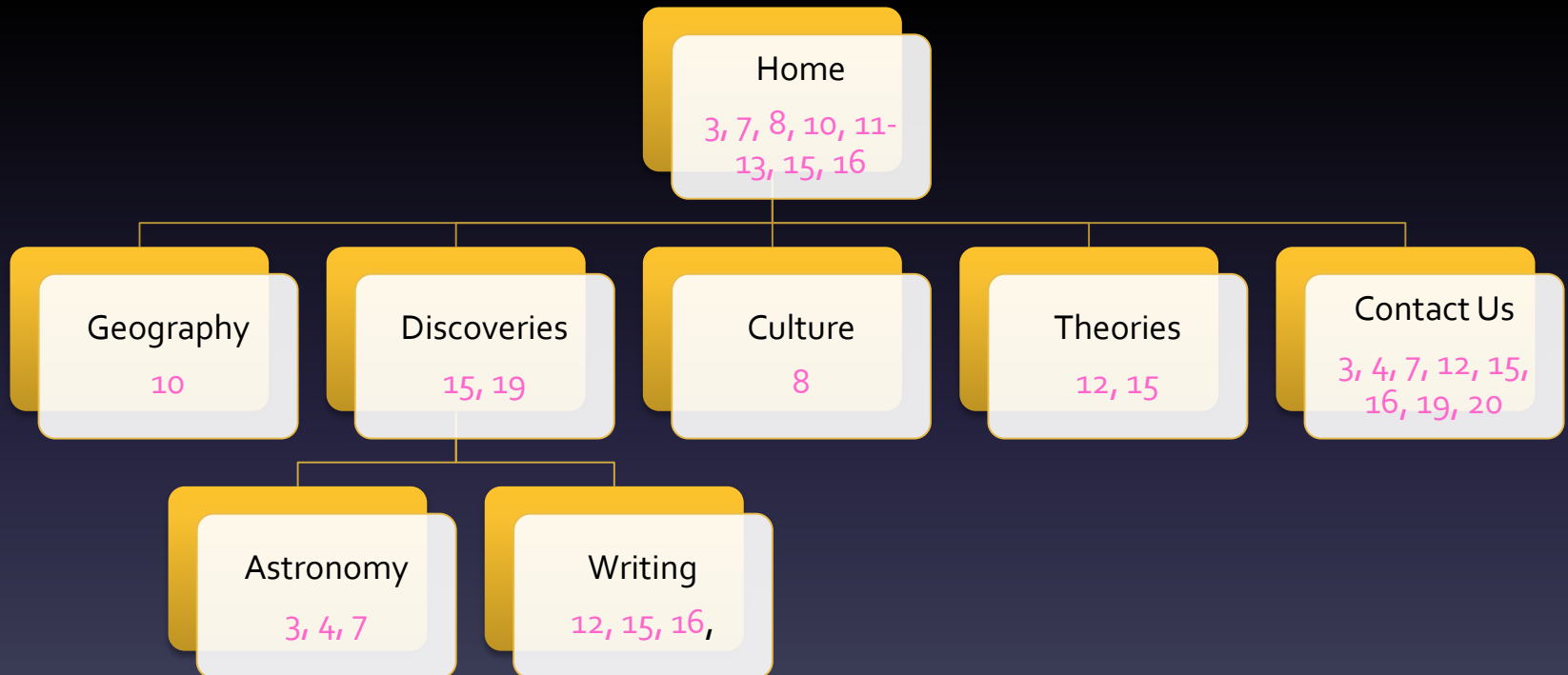
University of La Verne, La Verne

Overview

address all required items
next slides show some examples

- Site Map
- Wireframe
- Best Practices – Navigation
- Design Practices – CARP
- Best Practices – Web Page Design
- Layout Design Techniques
- Test Results
- DEMO
- Conclusion

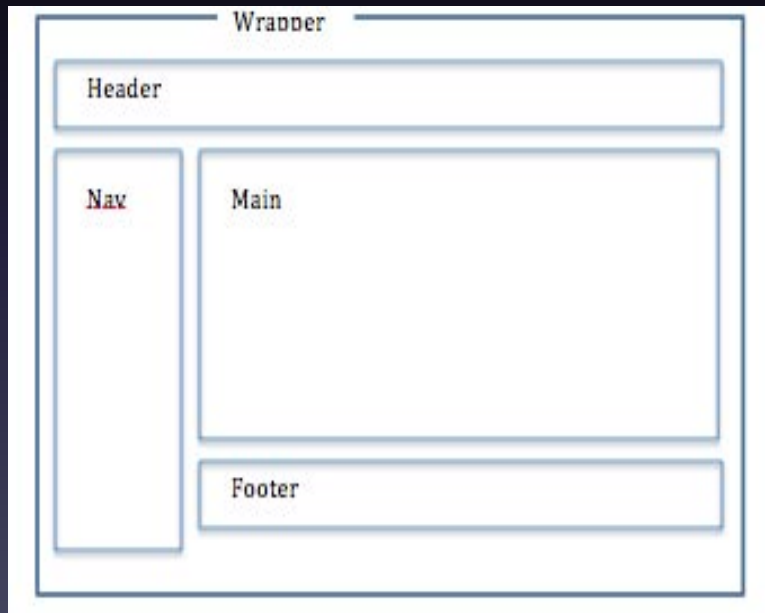
Website Map



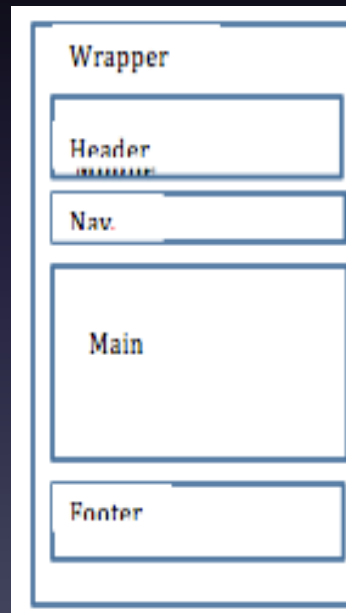
Wire Frame

- Two-column layout
- Wrapper
- Float Left
 - **Nav**

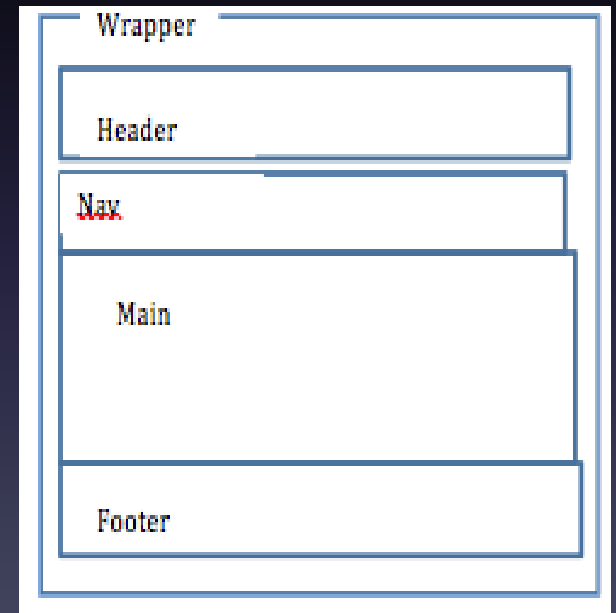
Desktop



Mobile



Tablet



Best Practices: Navigation

Ancient Greece vs Ancient India: Social Structure

[Home](#)

Home

Ancient India
Social Structure

Ancient Greece
Social Structure

Compare and
Contrast

Feedback

Background Information

This website will discuss and present information about the social structures of ancient India and Greece. It will present information about the caste system of Ancient India that divided the people into different caste and gave them a set role in the Indian society. It will also present information about the Greek social structure by providing information about the polis, citizens, metics, and slaves. Lastly, this website will compare and contrast both civilizations social structure.



[Home](#) [Ancient India Social Structure](#) [Ancient Greece Social Structure](#) [Compare and Contrast](#) [Feedback](#)

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ana@aragon.com

[Back to Top](#)

- Clearly labeled navigation

- Navigation bars: Graphics and text based navigation

- No More than three length

Website Navigation

Navigation/Text based Navigation

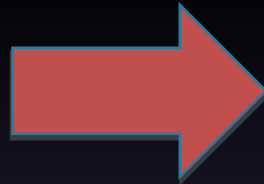
```
/*Configure arrow rotation*/
nav .sub-arrow:after { content: '\203A';
float: right;
margin-right: 10px;
-webkit-transform: rotate(90deg);
-moz-transform: rotate(90deg);
-o-transform: rotate(90deg);
-ms-transform: rotate(90deg);
transform: rotate(90deg); }
/*Configure arrows in submenus*/
nav li:hover .sub-arrow:after { content: '\2039'; }
.main-nav-ul ul a:before { content: '\203A';
margin-right: 20px; }
/*Configure left column Navigayion*/
nav { float: left;
width: 160px;
font-weight: bold; }
nav a { text-decoration: none;
text-transform: uppercase;
padding: 10px 0 10px 20px;
display: block;
border-bottom: 1px dotted #000000; }
nav a:link { color: #F6F1F1; }
nav a:hover { color: #C9C1C1; }
nav a:visited { color: #636060 }
nav ul { list-style-type: none;
margin: 0;
padding-left: 0; }
```



Navigation

Navigation:


- Text-based
- Float left
- Color contrasts
- Hover element
- Transparent element



The Great Depression

[Home](#) > [Economy](#) > [New Deal Plan](#) > [Working Class](#) > [Resolution](#) > [Contact Us](#)

The Great Depression and New Deal Plan (1929-1939)



Welcome! Welcome to a site that will provide a general overview of the Great Depression and New Deal Plan. Feel free to explore the site and use any information that you need. Need help? Visit our Contact Us page and we will answer any of your questions related to the site. Enjoy!

Historical Importance of the Great Depression

The Stock Market Crash of 1929 placed millions of Americans out of work and into poverty. It lasted nearly a decade and was the beginning to the government involvement in the economy.

[Home](#) [Economy](#) [New Deal Plan](#) [Working Class](#) [Resolution](#) [Contact Us](#)
Copyright © 2013 The Great Depression Site
ryan.wellington@laverne.edu

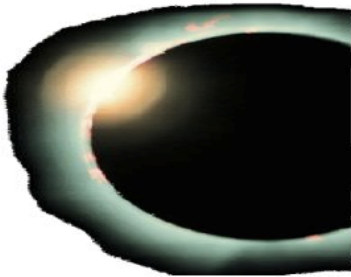
```
<div id="nav">
  <ul>
    <li><a href="index.html">Home</a></li>
    <li><a href="economy.html">Economy</a></li>
    <li><a href="newdeal.html">New Deal Plan</a></li>
    <li><a href="class.html">Working Class</a></li>
    <li><a href="wwII.html">Resolution</a></li>
    <li><a href="contact.html">Contact Us</a></li>
  </ul>
</div>
```


Breadcrumb

Ancient Maya

[Discoveries](#) > Astronomy

Astronomy



The Sun

The most important object in the sky was recognized as the prime life-giver, a large and all-seeing eye, with a face. Because of the tilt of the Earth, the positions in the sky depending on the seasons produces the seasons experienced. The Mayans calculated times when the sun would be at the equator. It was amazing, they determined the tropical year is actually 365.2422 days. A tropical year is actually 365.2422 days. Unfortunately, the calendar which they created would be off by approximately 0.0003 days every 600 years. This is obviously a dramatic difference. The priest-astronomers continually updated their records and predictions so that they could be accurate throughout the generations.

almost a whole six months every 600 years. This is obviously a dramatic difference. The priest-astronomers continually updated their records and predictions so that they could be accurate throughout the generations.

The Moon

The moon was another object of interest to the Mayans. It was represented by a jagged disk, and its influence on terrestrial events. A waxing moon had the attributes of the beautiful goddess Ixchel, who was considered to be an old female deity who ruled over childbirth. Around 30 days of synodic lunations, or the interval between successive full moons. A Mayan calendar has exactly 149 moons over a period of 4400 days, which works out to an average of 29.5 days per moon. At Palenque, it was found that there are 405 moons in 11,960 days, which means that the calendar was accurate to within 0.0003 days. This is remarkable accuracy, given that the actual average lunation is 29.53 days.

```
<!-- Start Breadcrumb -->  
<a href="discoveries.html">Discoveries</a> &gt;  
Astronomy <br />
```

Ancient Maya

[Discoveries](#) > [Astronomy](#) > Writing

Writing



Notable features

- The Mayan script is logosyllabic (combining whole words) and 150 syllabograms (which are 100 glyphs representing place names and other commonly used words).

```
<main>  
<!-- Start Breadcrumb -->  
<a href="discoveries.html">Discoveries</a> &gt;  
<a href="astronomy.html">Astronomy</a> &gt;  
Writing <br />
```


Design Principles

Contrast

- Black text on a white background
- Red Nav background color with white text



Repetition

- Color
 - Red
- Header color
 - Red

Alignment

- Text based nav are H aligned
- Source links are V aligned

Proximity

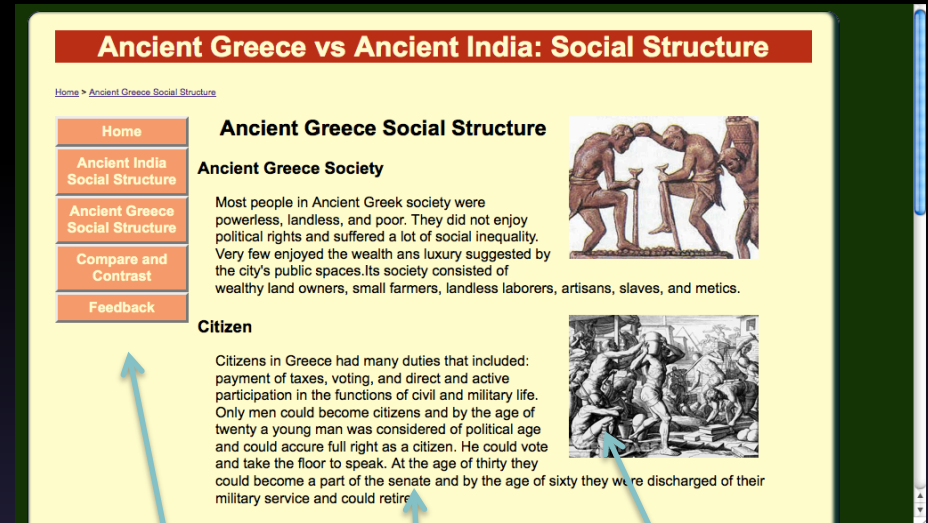
- Nav links are places near each other
- Text based nav next to each other

Design Principles: CARP



Contrast

- Used dark and light colors to create contrast by using a color scheme website.



Alignment

- Navigation to the left writing in the middle wrapping around picture and pictures float right.
- Navigation is aligned.

Design Principles: CARP

Ancient Greece vs Ancient India: Social Structure

Home

Home

Ancient India Social Structure

Ancient Greece Social Structure

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Home Ancient India Social Structure Ancient Greece Social Structure Compare and Contrast Feedback

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Ancient Greece vs Ancient India: Social Structure

Home > Ancient Greece Social Structure

Home

Ancient India Social Structure

Ancient Greece Social Structure

Compare and Contrast

Feedback

Ancient Greece Social Structure

Ancient Greece Society

Most people in Ancient Greek society were powerless, landless, and poor. They did not enjoy political rights and suffered a lot of social inequality. Very few enjoyed the wealth and luxury suggested by the city's public spaces. Its society consisted of wealthy land owners, small farmers, landless laborers, artisans, slaves, and metics.

Citizen

Citizens in Greece had many duties that included: payment of taxes, voting, and direct and active participation in the functions of civil and military life. Only men could become citizens and by the age of twenty a young man was considered of political age and could acquire full rights as a citizen. He could vote and take the floor to speak. At the age of thirty they could become a part of the senate and by the age of sixty they were discharged of their military service and could retire.

Repetition

- There is repetition through out the website in the navigation and the layout.
- Colors are repeated

Proximity

- Group related items are close together
- Navigation links are placed in close proximity together

Accessibility

```
<figure>

</figure>
<ul>
  <li><a href="photo2.jpg">
<span><br>Tikal
</span></a></li>
  <li><a href="photo3.jpg">
<span><br>Quirigua
</span></a></li>
  <li><a href="photo4.jpg">
<span><br>Chichén Itza
</span></a></li>
  <li><a href="photo5.jpg">
<span><br>Palenque
</span></a></li>
  <li><a href="photo6.jpg">
<span><br>Cuello
```

- **Alt attribute** for every picture on website
- Organized with **Headings** so its easier to surf the web on a mobile device
- **Tab key** implemented on contact page

Wide Pages

- Avoid wide pages and horizontal scrolling with a **wrapper**

```
16 </head>
17 <body>
18 <div id="wrapper">
19 <header>
20 <h1>Ancient Maya</h1>
```

```
#wrapper { background-color: #862E30;
width: 80%;
min-width: 700px;
max-width: 1024px;
box-shadow: 5px 5px 5px;
margin-left: auto;
margin-right: auto; }
```



Webpage Design

Load time

Index.html

Connection Rate	Download Time
14.4K	83.56 seconds
28.8K	42.18 seconds
33.6K	36.27 seconds
56K	22.08 seconds
ISDN 128K	7.32 seconds
T1 1.44Mbps	1.37 seconds

Discoveries.html

Connection Rate	Download Time
14.4K	47.95 seconds
28.8K	24.37 seconds
33.6K	21.01 seconds
56K	12.92 seconds
ISDN 128K	4.51 seconds
T1 1.44Mbps	1.12 seconds

Astronomy.html

Connection Rate	Download Time
14.4K	14.34 seconds
28.8K	7.57 seconds
33.6K	6.60 seconds
56K	4.28 seconds
ISDN 128K	1.87 seconds
T1 1.44Mbps	0.89 seconds

Writing.html

Connection Rate	Download Time
14.4K	19.59 seconds
28.8K	10.20 seconds
33.6K	8.85 seconds
56K	5.63 seconds
ISDN 128K	2.28 seconds
T1 1.44Mbps	0.93 seconds

Culture.html

Connection Rate	Download Time
14.4K	171.27 seconds
28.8K	86.04 seconds
33.6K	73.86 seconds
56K	44.64 seconds
ISDN 128K	14.22 seconds
T1 1.44Mbps	1.97 seconds

Theories.html

Connection Rate	Download Time
14.4K	15.18 seconds
28.8K	8.09 seconds
33.6K	7.08 seconds
56K	4.65 seconds
ISDN 128K	2.12 seconds
T1 1.44Mbps	1.10 seconds

Form for contact page

show here your contact page with the code,
highlight

the following HTML 5 attributes:

1. **type,**
2. **accesskey,**
3. **tabindex,**
4. **required and**
5. **placeholder**

for each possible field.

Label

Text Box

Label

Text Box

Label

Text Box

Label

Scrolling Text Box

Submit

Test Results – your TABLE 3 most important parts

1_Project Submittals.doc [Compatibility Mode] - Word

FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS

1 2 3 4 5 6 7

TABLE 3 Test plan and results (example) - Verification Matrix:

Page name - list all pages	Test item - list hyperlinks, fields, buttons, videos, images, GUI controls, web pages	Validation each web page using http://validator.w3.org and http://jigsaw.w3.org/css-validator/ - if applicable; attached screenshots with each page name	Outcome in Mobile Phone - specify a device model, version and source code web server location (- specify your URL	Resolution 1024x768 - tablet Outcome in Chrome or/and Firefox or Internet Explorer - specify a browser version and source code web	Resolution 1280*800 - desktop Outcome in Chrome or/and Internet Explorer - specify a browser version and source code web
index.html	<ul style="list-style-type: none"> Home txt link => home page Listings txt link => Listings page Financing txt link => Financing page Contact txt link => not implemented Home button img => home Listings img => Listings page Financing img => Financing page Contact img => not implemented E-mail => popup an e-mail form 	Correct using http://validator.w3.org - attached a screenshot with a page name.	-Attached a screenshot with a page name. - Good display. - All the buttons show without having to drag the horizontal lift on the right or left.	-Attached a screenshot with a page name - Good display. - All the buttons show without having to drag the horizontal lift on the right or left.	-Attached a screenshot with a page name. - Good display. - All the buttons show without having to drag the horizontal lift on the right or left.
index.html	Buttons	?	?	?	?

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1 2 3 4 5 6 7 8

PAGE 15 OF 21 5451 WORDS


Test Results – your TABLE 3 most important parts

1_Project Submittals.doc [Compatibility Mode] - Word

FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS

financing.html	<ul style="list-style-type: none"> Home txt link => home page Listings txt link => Listings page Financing txt link => Financing page Contact txt link => not implemented Home img => home Listings img => Listings page Financing button img => Financing page Contact img => not implemented E-mail => popup an e-mail form 	<p>Correct using http://validator.w3.org</p> 	<p>- Good display in Chrome.</p> 	<p>- Good display in Chrome</p> 	<p>- Good display in Chrome.</p> 
music.html -	Greg Thumbnail Image		Load up the Full size image of Greg	Load up the Full size image of Greg	Load up the Full size image of Greg
music.html -	Jobs	None yet as page not made	Comes up with error as	Page saying	Page saying what?

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			page isn't defined	Internet Explorer cannot display the web page	
main.css		<p>Correct using http://jigsaw.w3.org/css-validator/ - attached a screenshot with a page name</p>			
Contact_us.html -used HTML5	Name => input name, leaving a blank page will prompt an error msg.			Show a correct error	Show a correct error

Conclusion

- 3 column layout
- Horizontal Nav
- Improve website by using JavaScript