

## Lecture 6

### Hook: Feature Project (3:30pm)

- Show example portfolio

### Introduction to New Material: Computer Languages (3:40pm)

- Review **animation, sprites, images, conditional statements**
- Define *HTML, CSS*
- Explain difference between Coffeescript, HTML, and CSS
- Languages work together to build portfolio
- Word Wall: *HTML (Hypertext Markup Language)*
- Show school website HTML
- Explain why we need different languages, and how they are different
- Show some HTML tags

Tag	Description	End Tag
<code>&lt;html&gt;</code>	Defines an HTML document	<code>&lt;/html&gt;</code>
<code>&lt;head&gt;</code>	Defines information about doc	<code>&lt;/head&gt;</code>
<code>&lt;title&gt;</code>	Defines title of a document	<code>&lt;/title&gt;</code>
<code>&lt;body&gt;</code>	Defines body of the document	<code>&lt;/body&gt;</code>

- Show how to use HTML in pencilcode
- Review Agenda (on the board)

### Activity 1: Cards (3:55pm)

- Show example portfolio again
- Explain code more
- *Hand out:* HTML: Header card
- Give 20 minutes of work time

### Introduction to New Material: WOW! Portfolios (4:15 pm)

- Chose 4 small projects that you want to show in your portfolio
- Chose 1 large project (that we will do in subsequent weeks)
- Use HTML to assemble WOW! portfolio
- *Handout* WOW! portfolio parameters and checklist
- Review the handout with students

1. Select 4 projects that fit the criteria on the WOW! handout
2. Save a copy of each of these in WOW folder
3. Create WOW! portfolio page and link to each project
4. Save WOW! portfolio as WOW/WOWPortfolioStudentName

### **Activity 3: WOW! Portfolio Work Time (4:30 pm)**

- Give students 15-20 minutes to work on portfolio

### **Assessment (4:55 pm)**

- Have students fill out assessment
- Clean up/shut down computers