

P5 - Unit 1 - Lesson 9 - Cultural Project

Vocabulary

JavaScript

Function

parameter

argument

canvas

JavaScript

Pixels

Hue

Saturation

Brightness

Transparency

Alpha

RGB

Warn Up:

Warm Up: Think/Write/Pair/Share: If you could say something important to the whole world about your background, what would it be? Why is it important to you?

Connection

Connection: (Review with Class) -We've been working on P5 programming and discussing culture. We are putting this together to create a P5 sketch that reveals something about our background culture. We will also include some HTML and CSS in P5 so we can showcase our sketch on a web page.

Mini Lesson:

Why do people create web pages with JavaScript?

Most of the web pages that we visit are created by large organizations that have a lot of people working on them. But anyone can create their own personal web page and publish it to the Internet. Today, we're going to create our own web page by telling about our background, using an image, and a link to information about our culture and writing about why it's important to us. We will also include a JavaScript sketch of something important to us in our culture. For example, it could be a flag, a religious symbol, food, etc.

Quick Check:

What are some of the things you could use to create your project?

Work period:

Students will pre-plan their projects in a packet and will also be provided a rubric.

Use the handout that is provided in Google Classroom entitled Cultural Project Planning Packet.

- 1. You need to answer the questions on what you are planning.**
- 2. You will then find images of three different things that you might be able to create in P5 that represent your culture.**
- 3. You will then use pseudocode/comments to describe the steps needed to follow in order to create your drawing.**
- 4. Finally, you can use the p5 Graph to help plot your shapes.**
- 5. Once your plan is complete you will let me know so that I can approve it.**
- 6. Once approved, you may begin to code your sketch.**
- 7. You will also need to include HTML/CSS and write at least three paragraphs and include either an ordered or unordered list on your page. You need to use at least two H tags and use p tags for your paragraphs.**
- 8. You will use break tags to separate your paragraphs.**
- 9. You need to include a link to a resource that tells about your country/culture**
- 10. You need to include an image of your country/cultural project.**
- 11. You will also code the CSS page with at least 5 different tags coded. You may need to use an HTML/CSS Cheat Sheet that I will include in Google Classroom for you. You can also use <http://w3schools.com> for some help by looking for Web development, or you can use <http://code.org> that we have been using to learn HTML/CSS.**

Assessment

What do you think is important to include in a web page?

Closing/Exit Ticket: Question of the Day:

Why do people create web pages?

Journal 3-2-1:

3 - What are three topics you might be interested in creating a website about?

2 - What are two reasons you think someone might visit a website that you create?

1 - What's one thing you're most interested in learning about creating websites?