

AP Computer Science Principles

In the last few weeks of the school year, you will be doing a project with a similar level of sophistication that you created with your Performance Create Task. In this project, the main objective will be the output - make a game or app that is a combination of fun, interesting and useful. You need to demonstrate knowledge learned the course but there is much more freedom as to what programming elements that you use and how you use them that there was in the performance create task.

For this task you will work in a group of 1, 2 or 3 people.

Next week, we will have regular classes where we learn additional skills that will help you with your project. Some students may learn different skills than others if their project requires a different skill set.

For Thursday May 11 and Friday May 12, you will look at projects completed by previous students to get ideas of what you might like to do.

Visit this site:

<https://studio.code.org/projects>

Scroll down and click on the button "Public Projects"

Take your time and look at a variety of games and apps on this site

Visit at least 5 games and or apps on the sites. Play the games or use the apps. Look at the code used to create the make the code. Look at a variety of games from different portions such as Minecraft, game lab app lab etc. Look at the age of the student who created it and find games or apps by students who have a similar age to you.

Fill out the reflection below

Game (or app) 1

URL of game (or app) :

What did you like about the game (or app)?

What could be improved in this game (or app)?

What new programming elements (if any) would you need to learn to make a similar game (or app)?

Fill out the reflection below

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Game (or app) 2

URL of game (or app) :

What did you like about the game (or app)?

What could be improved in this game (or app)?

What new programming elements (if any) would you need to learn to make a similar game (or app)?

Fill out the reflection below

Game (or app) 3

URL of game (or app) :

What did you like about the game (or app)?

What could be improved in this game (or app)?

What new programming elements (if any) would you need to learn to make a similar game (or app)?

Fill out the reflection below

Game (or app) 4

URL of game (or app) :

What did you like about the game (or app)?

What could be improved in this game (or app)?

What new programming elements (if any) would you need to learn to make a similar game (or app)?

Fill out the reflection below

Game (or app) 5

URL of game (or app) :

What did you like about the game (or app)?

What could be improved in this game (or app)?

What new programming elements (if any) would you need to learn to make a similar game (or app)?

Brainstorm at least 3 ideas that you would consider to make for your final project (we will start learning additional skills and start the project next week)