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L02

L03

L04

L05

L06

L07

L08

L09

L10

L11

L12

L13

L14

L15

L16

L17

L18

Final Project ****Optional****

1 Week

Lesson Overview

This lesson is intentionally flexible and open-ended to allow students to dive deeper into a computing topic of their choice and apply the skills they've learned throughout the course in a way that is meaningful to them. This lesson is considered optional to allow for flexibility in the schedule due to unexpected interruptions during the year. It can also easily be extended if you have extra time towards the end of the course.

Learning Objectives

- Apply skills learned throughout the course to dive deeper into a computing topic of choice.

RI CS Proficiency

This lesson allows students to demonstrate CS proficiency in one or more computer science core concept areas.

Choose your own Adventure!

Choose from the following project ideas, create your own lesson, or allow students to propose their own ideas - the options are endless and limited only to student creativity!

It is recommended that students present their project either in-class or by video presentation to further develop these important skills!



Portfolio Website Presentation

- Students showcase their Google Site portfolio and explain what they learned in the class and how they might use these skills and concepts in the future.
- Opportunity for students to add to and refine their website.
- Students may optionally create a video presentation.



Mini Computing Innovation Research Project

- Students research a computing topic of interest to them and put their findings into Google Slide format.
- Students present their findings in class or video presentation.
- Students are encouraged to use the skills they've learned throughout the course to create artifacts to use in the presentation.
- Some suggested topics may include:
 - Social Media
 - Wearable Technology
 - Artificial Intelligence



Create an Original App ([MVP Step-By-Step Guide](#))

- Students use the skills they learned from the programming lessons to create their own original app in Thunkable.
- Students are encouraged to use the skills they've learned throughout the course to create artifacts to use in the app (e.g. images).
- Students present their app and explain how it works, its purpose, and the development process.



Dear Data Postcard

- Students use the process they learned in the Data lessons to create their own Dear Data Postcard using any topic of their choosing.
- Opportunity for students to create postcards using Google Slides or try a new computing tool like Canva.
- Students may optionally present their data story to the class or by video presentation.

Teacher Resources



[Final Project Slide Presentation](#)



[Final Project Grading Rubric Example](#) (Portfolio Website)