

10/10/18

Second Scratch Project Reflection  
Response

**Sep 27/28 Second Scratch Project Reflection**

- Put a link to your game here and also on the Class Scratch project sheet.  
<https://scratch.mit.edu/projects/248204620/>
- How did your final scope compare to the original scope? What changed?  
**We were gonna do only about 2 questions but we ended up doing 5 questions.**
- Describe how you and your pair developed this entire project? If a remix, explain in detail, what you changed to make it your own.  
**We changed the questions and the backgrounds and sprites.**
- What challenges did you encounter and how did you overcome them?  
**Some of the questions kept overlapping onto separate backgrounds but we just decided to separate the codes and fix them. Well the program broke so I had to go back in and fix it. It was the switching between the title and the first question.**
- Explain your most complicated algorithm. Is it marked with pseudocode? Does it have nested if statements?  
**The algorithm that decided whether the trivia question was right or wrong was the most complicated algorithm.**
- How might you modify your code to meet the requirements of the AP Exam Create Task Prompt 2.C.  
**I probably should explain the process of the codes better.**

Do you have...?

**Yes** 3-5 Sprites/Backdrops with scripts

**Yes** 2 Broadcasts (PLTW 1.1.4) (**List Broadcast name**) **Star/q1**

**Yes** 2 Variables (PLTW 1.1.5 and 6) **What does it control?** **Lives and score**

**Yes** 2 or more algorithms (nested loops) (1.1.3) **What does it do?** **Said Hello and Goodbye**

**Yes** Notes/Pseudocode

**Sep 18/19/20 Scope of Second Scratch Project**

- Pair #1                      Pair #2
- Scratch user names
- Planned absences through Sep 26 (next week's block day)

**Project Scope (can be copied into pairs reflection):**

Describe what will you do? Type of Game/app? Goal

How many levels? How complicated.

If a remix, what project will you start with (link to project) and what will you plan to change?

Keep a log of who was Driver/Navigator each day.

Date	Driver	Navigator
Block Day	Aden	Me
Thur 9/20	Me	Aden
Fri, 9//21	Aden	Me
Mon 9/24	Me	Aden
Block Day	Aden	Me

#### Sep 14 Simple Game Reflection

- Create a reflection on this assignment:
  - What are you most proud of?
  - What was the trickiest item to code? Explain how did you do it?
  - What “tip” do you offer your fellow developers?
  - How did you and your pair work together?

#### Sep 13 Quiz 1 reflection \_\_\_\_\_ Score

1. Which question did you get wrong?
2. What did the question test? (i.e vocabulary, binary conversion, etc.)
3. Did you create a list of vocabulary and look them up?
4. Did you review the Key/Terms vocabulary list on Haiku?
5. Did you work the 6 problems in the half sheet binary worksheet?
6. Did you understand the binary conversion explanation/review?
7. Did you rewatch the video?
8. Did you read chapter 1 of Blown to Bits?
9. What will you do differently to prepare for the next quiz?

#### Sep 6 Inputs and Outputs

Things I learned that I did not know taking apart the mouse, keyboard, or calculator

- How a mouse or keyboard is powered
- Switches

- Parts I could identify, etc.
- How might this help you understand your computer innovation?

### **Aug 28 Reflection (Will discuss in class)**

Blown to Bits Reading Reflection (focus on concepts, ideas, and themes,

1. What are the main points of this reading (not on individual facts)
2. Was anything unclear or confusing?
3. What was new to you and did it change the way you perceive things?
4. Was there anything new that you'd like to explore further?
5. Describe one connection between the reading and something outside of class (news stories, experience)
6. Give one specific example of how this is related to your personal life.
7. Is there anything else you think would be relevant for the class discussion of this reading?

(You may copy this in your document and reflect)

### **Aug 24th and 27th**

### **Light Bot**

Reflect on your LIGHTBot Game

1. What did you learn about computer science coding with LIGHTBOT?

Use as many of the following vocabulary words in the response as possible.

- Programming
- Algorithm
- Troubleshooting
- Debugging

2. Why were you unable (or were you able?) to have LightBot go the wrong way? How did you fix it? What was the consequence/impact?

### **October 1st Reflection**

