Academy High 2 Day Camp

January 3 - January 4 2019

Questions & Stuff for Eric

1. When are snacks
2. Set up a google classroom
3. Confirm with Darren discipline policy (make them play desert bus)
4. Bring steam link and HDMI cables
5. 7 groups of 2 + 2 groups of 3 print note cards
6. Make orientation slides
7. \* Explain Pair programming roles: Programmer + Marketing
8. Short things to watch  
   Skyrim on your mobile ad…..

Alex:

1. Game Dev Tycoon
2. Create flip book activity  
   Make example flipbook
   1. Get paper, drawing materials, stapler, scissors
3. Create math game activity

Aidan:

1. Prep for silent ball
2. Check out Khan academy lessons
3. Develop maze game activity & figure out how to run it

Jasmine:

1. Game genre activity

Eric:

1. Math game
2. Zathura acquisition
3. 3D modeling activity

Proposed activities

1. Design a board game
2. Dan Cermak talk about how video games are made (e.g. what jobs there are on the team).
3. Hour of Code maze builder JavaScript Activity
4. Create an endless runner game with Three.js - for older kids
   1. Introduce endless runner games first
   2. <https://gamedevelopment.tutsplus.com/tutorials/creating-a-simple-3d-endless-runner-game-using-three-js--cms-29157>
5. Small projects with Scratch - for younger kids, older kids can spend less time on this
   1. Tutorials
      1. Catching falling objects game
      2. Story telling game with two different endings
      3. Virtual pet game
   2. Projects
6. Google MadeWithCode Projects (like Scratch but much simpler)
   1. Garden Robot
      1. <https://www.madewithcode.com/projects/robots>
   2. Inside Out
      1. <https://www.madewithcode.com/projects/insideout>
   3. Beats
      1. <https://www.madewithcode.com/projects/beats>
7. Geometric modeling with phones
8. Easy 3D modeling
   1. Tinkercad
   2. 3DSlash
      1. Good for scene building
9. Share your favorite audience-appropriate game
10. Introduce different types of game perspectives and genres
    * 1. Platformer
    1. Shooter
    2. Fighting
    3. Beat ‘em up
    4. List goes on here <https://en.wikipedia.org/wiki/List_of_video_game_genres>
11. Set up stations of arcade games and let kids try them out
    1. MAME has tons of arcade games free for download <https://www.mamedev.org/>
12. Watch a game related movie
    1. Wreck-it Ralph
    2. Zathura: A Space Adventure