## Academy High: Video Game Camp January 3 & 4, 2019 Contact: Dr. Darren Pascavage doctorp@academyhigh.org

**Day 1 - Thursday: January 3**

8:30 Camp staff arrives

9:00 - 9:15 Camper Arrival - Game Dev Tycoon with Alex, campers vote on what to do

9:15 - 9:30 Orientation & Break up into groups - Introduce ourselves, break into groups, campers introduce their partners + favorite game

9:30 -10:30 Hour of Code - Make a Flappy Game <https://studio.code.org/flappy/>  
 If done early….do more games https://studio.code.org/hoc/1

10:30 - 10:45 Snack

10:45 - 11:45 Flip book, show demo, explain animation, give paper

11:45 - 12:45 Lunch

12:45 - 1:45 Khan Academy: Intro to JS: Drawing & Animation https://www.khanacademy.org/computing/computer-programming/programming   
Work through color exercise

1:45-2:15 Silent ball, simon says

2:15-4 Snack + Movie  
 Zathura: A Space Adventure

**Day 2 - Friday: January 4**

9:00 - 9:15 Camper Arrival - Game Dev Tycoon with Alex, campers vote on what to do

9:15 - 9:30 Break up into different groups

9:30 -10:30 Mathematical Games/Winnable games?

Chopsticks

Nim

10:30 - 10:45 Snack

10:45 - 11:45 Khan Academy: Intro to JS: Drawing & Animation https://www.khanacademy.org/computing/computer-programming/programming   
Work through animation exercise

11:45 - 12:45 Lunch

12:45 - 1:45 Making a maze game

1:45-2:45 Introduction to genres of games

2:45-3 Snack

3-4 Genres of games