

 PROJECT #1 PROPOSAL

**Name(s): Warren Kendi**

**Team Name: warren the warrior**

**Part A: Project Ideas & Objectives**

- Get the arcade machine working

- Raspberry Pi 3 > RetroPie

- 3d print case for raspberry pi

- Program the raspberry pi to start up the application Retropie

- when i have the retropie ready i will 3d print a case for the raspberry pi.

- once the case is on the raspberry pi I could plug in the raspberry pie and download different roms (games) to play on it.

- I will need some sort of controller (might bring in An old ps3 or Xbox controller.)

- after all is ready i will use an hdmi cord to connect the pi to the tv in the arcade machine

- could possibly change the arcade machine to hold the controller in some way and fix up the whole look of it.

**Part B: Electronic Resources (Make sure hyperlinks are active!)**

[**https://www.thingiverse.com/thing:449877**](https://www.thingiverse.com/thing%3A449877)

[**https://retropie.org.uk/**](https://retropie.org.uk/)

[**https://www.youtube.com/watch?v=xvYX\_7iRRI0**](https://www.youtube.com/watch?v=xvYX_7iRRI0)

**Part C: Materials & Designs**

**- 3d printer**

**- raspberry pi**

**- nes 3d printed case for raspberry pi**

**- vinyl cutter/vinyl**

**- controller needed**

**- (possible) Hdmi for tv**