

PROJECT #2 PROPOSAL

**Name(s): Robbie Mackay**

**Project: Weather station, sensehat**

**Part A: Brainstorming...**

* **describe your project idea(s)**
  + **my goal for this project is to work on the weather tracking for both the greenhouse, and the High Altitude Balloon**
* **List your learning objectives**
  + **Learn how to take information from the sensehat to a website we can**
  + **And learn how to put data onto a graphic or excel sheet**
* **State the goal(s) of your project**
  + **Setup up two, raspberry pi’s with sense hats**
    - **Install and config the sense hats for both raspberry pi’s**
  + **3D Print a logo for the high altitude balloon**
* **Get Information from sensehat to upload to a website,** 
  + **or get information to come out in a new graph or deign**
* **Possibility mess around with the arduido**

**Part B: Electronic Resources…List active hyperlinks to any relevant online resources**

[**https://www.tinkercad.com/**](https://www.tinkercad.com/)

[**https://www.raspberrypi.org/**](https://www.raspberrypi.org/)

[**https://www.makerbot.com/**](https://www.makerbot.com/)

[**http://www.kumantech.com/**](http://www.kumantech.com/)

[**https://www.youtube.com/watch?v=lnp6jo2XOU8**](https://www.youtube.com/watch?v=lnp6jo2XOU8)

**Part C: Planning…**

* **Materials list [NOTE: if we do not have it, include link to purchase from Amazon.ca]**
* **Raspberry Pi 3**
* **Sense Hat**
* **MAKERBOT, FOR PRINTING OFF 3D PRINTs**
* **ARDUINO AND SENSORS**
* **Designs…Include any sketches/pictures and/or links to videos**