# Administrative

* Rough sheet calculating mass and has dimensions.
* Create a place to save CAD files. Create a master file.
* Look into FAA requirements and constraints.

# STEMNauts

* Design STEMNaut capsule.
* Pick sensors
* Design physical STEMNauts

# Drone Components

* Pick a drone design to create (Quadcopter or Counter Rotating Props)
  + Which is more stable
  + Easier to design
  + Easier to code
* Break drone into components and steps to build it.

# Drone Electronics

# Deployment

# Completed Items

* 2 sensors picked

# Quadcopters

A quadcopter can use fixed-pitch rotors and variable speed motors to alter pitch, yaw, roll, and collective - all you need is some type of electronic module, with accelerometers on 3 axes, to keep the thing from spiraling around. With the proper control hardware/software, four props, four motors, and a battery, anyone can build a flying device.