**Computers 10 :: mBots**

Our overall goal is to create a Rube Goldberg Machine.

Each robot needs to accomplish the following tasks:

* Receive a message to start your program (ie: like grabbing the baton in a relay race) using the IR receiver.
* Follow a path you design and tape to the classroom floor that takes you to the next group’s robot.
* Do something cool  
  Such as:
  + Buzz a song
  + Drive a silly dance
  + Spin like a crazy robot
  + ETC ETC ETC!
* Send a message to the next robot that it’s their turn. (pass the baton along)

You will need to negotiate a code message that you will transmit/receive with the groups ahead and behind you.

I will transmit the begin message to the first group, and receive from the last group.

Here is a webpage that shows how to use the infrared transmitter & receiver: <http://www.mblock.cc/example/infrared-communication/>