Meeting Notes:

2/5/13

* Rangefinders:
	+ Wide beam rangefinders unavailble in US
	+ Switch to narrow beam?
	+ Important to have accurate rangefinders- main part of project
	+ More costly, but worth the cost
* Lasers
	+ Got the ones off amazon.
	+ Cheaper. 5mW green
* Sound
	+ Need to consider other microcontroller requirements -a to d circuits
		- Second microcontroller by lasers responsible for sensing lasers sending info to main microcontroller
	+ Unity gain buffer because of longer board distances
	+ Wave tables - to start only save to play one note, work on duration later on
	+ How do you store a wave file and send it to speakers
		- break it up in time samples and send to d to a and amplify
		- mp3 require coding and decoding
* Fog machine
	+ Will it interfere with sensors?
		- need to test with sensor to find out
	+ Shouldn’t set off a smoke alarm
* Next week
	+ Test fog machine with sensors
	+ Test lasers upon arrival
	+ Concrete plan for generating the music notes
* Power source
	+ Based on amp
	+ Could use a powered amp