* + Personal self-evaluation
    - What have you learned?

I learnt how to build a capacity sensor and how to use an accelerometer. I learnt that it is tricky to research and work out how to make things work, even when you imagine they are straight forward. I got better at asking the right questions. I learnt its better to throw a half confused question to a teacher, than to wait until you have the perfect question! I learnt how little I know!

* + - What are your goals for the rest of the semester?

My goal is to do some soldering, make my own board, and learn how to bring my code into processing to make better sounds. I also want to get more than one capacity sensor working. I might try to add more LEDs round the out side of the hat. My goal is to make a better finished item. Experiment with other sound shields for Arduino.

* + - What obstacles will you face in achieving these goals?

Time. I always face the obstacle of time, juggling all my classes assignments. Also the obstacle of hitting the things you just don’t know, and can’t seemed to work out the puzzle. Also Its always a leap trying to code my own work, I think as I make the sound more complex I’ll reach some coding obstacles. I also tend to make things way to complex.

* + - How do you plan to overcome those obstacles?

I’m going to continue to send questions to one of the pros. I’m also going to continue completing work on Tuesday so I have a day spare to fix any issues. I’m also going to continue to check in with myself and make sure I have not bitten off more than I can chew.

* + - How would you grade your vehicle?

B. I feel like it’s a great achievement for me, and I learnt allot. But really only a first step, and needs allot of work.

* + - What would you have done differently if you had to do the vehicle assignment over again?

I feel like I actually made good choices, knowing myself, how slowly I work, and my current skill level. I was very strict with myself about not getting carried away, so I actually delivered the project on time. It would have been great if I had not got so stuck with getting the capacity sensor working in the first week. This could have been over come if I knew that I had chosen a code that used less pins. If there happened to be the right person to ask in the Hybrid lab I guess this could have been avoided, but I feel it was one of those times that I didn’t know what I was asking. I could get better at being more focused, and to know when I’m running down a dead end.

* + Course evaluation
    - What further would you like to learn in this course?

Everything! I’m really curious about when interactive projects go from “I do this to sensor, there is this reaction” to projects that start to figure things out themselves, or learn from things. I don’t feel we have time to really learn robotics, but I would be interested to know what it even looks like in code.

Making a board is important to me, learning how to finish off a project to a good level.

What are solutions when you run out of pins? I see people with lots of LEDs, how do they do that. What do you do when you have something with more than 5v power?

I really liked the lesson on Oscillators, as this was really new to me. There was something exciting about understanding about the more analogue way, and it made me understand more about why people get so excited about different retro synthesisers.

* + - What would you like to change in the course material?

I would just like more, I feel like its gone by too quick!

* + - What would you like to change in the way the material is delivered?

Maybe some times we spend too long talking at the beginning about peoples homework, then run out of time for other things. It would be great if it was a 4 hour class!

* + - What would you add to this class?

More time.

* + - What would you remove from this class?

I don’t think its always necessary to look at every thing people submitted for homework. Although some projects that people found were every exciting. Maybe if people submitted interesting projects they found online to something like slack then we could pick and choose the most interesting from the stream.