



## STEMpunk Team Update

February 13th, 2018

With only 1 week left to build a functioning robot, we have accumulated over 1,672 student hours designing, building and wiring the robot along with marketing and award submissions. The robot has a completed drivetrain, vision tracking has been coming along well and we have gone through 3 iterations of the linear lift. We are very close to having two complete driving robots. The final item to complete is the intake and grasping mechanism which will secure the “power cubes” for transport and lifting.

Marketing and design members created several keychains and accessories and are building inventory for the online store. The marketing group is also working closely with new team members to design steampunk costumes for competition. With many costumes being handmade, it allows for an added layer of creativity and resourcefulness.

One of the teams recent tasks was moving! Two Rivers High was gracious enough to offer a larger room for the team to call home. We’re now enjoying a science lab room with an abundance of tables, sinks and additional cabinets for our parts and supplies. It was difficult to transition the equipment while continuing the robot design but the larger space will help stay organized in the long run.

Beyond robotics, we are assisting “Backpack Buddies,” a student led group who raises funds and supplies for individuals aging out of the foster care system. We will help get their name out and host drives to collect basic living essentials. The goal is to help in the community while still providing the excellent STEM education we are known for, making the community grow stronger. Look for a flier in the near future!

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