

# 2019: September Newsletter

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September 2019



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## New Tools-

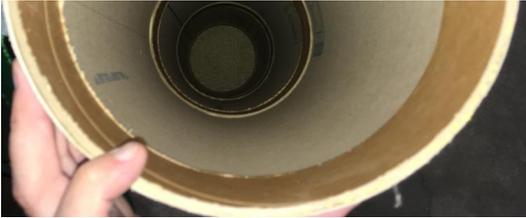
Tool Time!!! The Cedar Valley Makers wants to invest in some new tools. We want to know what you would like to see in the shop. The survey is for paying members, and the larger community that have interest in a well equipped shop and have a passion for making. <https://forms.gle/k9fppjtx7nSjepEx7> Please don't wait. We will be reviewing the results at the quarterly board meeting Thursday. For more information, see the bottom of this newsletter.

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## Halloween Prep: Project of the Month

CVM Member David Drum is going big for Halloween by creating a Hogwarts scene on his front porch. Using the CNC, and bandsaw at the Cedar Valley Makers, David is creating large columns, which have been scaled to add depth. 3D printed winged boars, other architectural details and a paper mache process giving the look of stone, known as carton pierre will provide the finishing touch. We will revisit David's project in the October Newsletter in detail. Until then, you have 30 days to get your projects done in time for Halloween. What are you going to make? Please share your projects with us on facebook,







Makerspaces are all about project based learning. Ongoing, we have a small group of kids working to develop a circuit play ground express game controller. The pictured wobble board, cut on the cnc, controls mouse movement using the accelerator sensor built into the [circuit playground express](#). We plan to add a jump movement and conductive finger actions using the circuit python gamepad library. If you want to join this group, e-mail [info@cedarvalleymakers.org](mailto:info@cedarvalleymakers.org). Watch face book and future newsletters for links to project files if you are interested in working on this project from home.

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Community groups can request free access to the space, tools, and expertise. Send us an e-mail telling us about your group, your project, and what you think you will need(space, tools, expertise) <http://info@cedarvalleymakers.org>.

Groups that have used the space include: Big Brothers Big Sisters, BoyScouts, GirlScouts, FFA, rocket clubs, robotics clubs(FRC, FTC, FLL).

We look forward to seeing your projects.



[Support our mission by becoming a sustaining member.](#) Your support will provide scholarships for starving students and the underemployed, and fund project based learning opportunities and creativity in the Cedar Valley. Thank You!!!



#### Programs and Volunteer Community events:

- FLL, FTC, FRC and educational and community group meetings.
- Laser chuck-able plane build workshops
- Circuit Play Ground Game controller build
- Shop automation project using ESP2866 and node red.
- Shop Vac Segway Zambonie
- [EYH Walk behind glider workshop presented by CVM](#)
- 3D printer 101 Workshops presented by CVM @ [CF Library](#) Dec 3, @ 6:30
- To find out more about our community projects and volunteer opportunities or to schedule a tour or an orientation, e-mail [info@cedarvalleymakers.org](mailto:info@cedarvalleymakers.org)

CVM third quarter Board Meeting is schedule for October 3, 6:30 in the MillRace Board room. If you would like to attend the board meeting, please e

board room. If you would like to attend the board meeting, please e-mail [info@cedarvalleymakers.org](mailto:info@cedarvalleymakers.org) to R.S.V.P.

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## **The Board of Directors**

**Our Mission:** To promote collaborative learning, creative design, and manufacturing for people of all ages and skill levels.

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Cedar Valley Makers  
360 West Field, Ave.  
Techworks Building One, 3rd Floor  
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