



# Pine Wood Derby at CVM



*Ghost Buster design with 3d printed adornment, custom PCB 555 timer driving flashing lights- Team Boucher*

Picture Right - Team Lilja - Presidential Limo

It has been Pine Wood Derby time of the year, as scouts gear up for the big race and we have seen some cool builds in the shop. It has brought back some good memories

for some of us whose pinewood derby days are over. Also got us to thinking.... maybe not..... [Come join CVM.](#) If you need some help, with your Derby car build, I am betting there are members that are more than willing to assist. Let's not see any unpainted rectangular pine blocks racing this year!!



Another Team Boucher Design. This one going for a speed record

Stocking Stuffer - Man Tweez were trending at CVM

**Shop Talk:** Remember Safety never takes a vacation



Please use the zero clearance insert when cutting thin strips or otherwise when there is small cutoff.

Otherwise, the small pieces can fall into the saw cabinet and plug the dust collector, but they can also, shoot off and hit you in the eye. That brings us to the other reminder. Always wear eye protection in the shop.

**Design Contest:** We are having a push stick design contest at the space. Push sticks keep the blades away from fingers and are considered a consumable at the space. We want lots of different designs that will be CNC Routed. We will check out the designs on Saturday, March 30th. Best design gets bragging rights, which is a big deal at CVM. To find out how, email [info.cedarvalleymakers.org](mailto:info.cedarvalleymakers.org)

As always - "leave the space cleaner than you found it."

-Pete Lilja, Shop Manager - AKA Sweet and Sour Pete.

## **Project of the Month:**

Check out this small collapsible table. We love these tables, because they are strong enough for

Pete to sit on at his trout fishing stream, but they work equally well for eating in front of the TV, or resting your cold beverage while playing corn hole in the back yard. They are also a great Makerspace project that will introduce you to both basic and more advanced Makerspace tools, including the CNC. We have the process, and the instruction to make this one easy. Come join us at [www.cedarvalleymakers.org](http://www.cedarvalleymakers.org)



**Pictured Above: FRC team members and mentors building practice sets at CVM**

Congratulations to [FRC team 525](#) for winning first place at the Duluth Regional. The team will be advancing to the championship that will be held in [Detroit](#) on April 24 - 27. Don't miss a chance to see all of the local FRC teams competing in the Iowa Regional next week, March 31 - 23 at the [UNIDome](#).





Pictured: Big Brothers Big Sisters, Grout Museum Square Wheel kickoff at CVM



#### Programs and Volunteer Community events:

- [Coder Dojo](#) continues through April at the WPL
- CVM code Camp coming this summer
- CVM Battle Bots, coming this summer
- [Skill Build Tuesdays and Thursdays](#) - Come help fix, and create cool science displays for the grout museum and fun projects around the shop. [CVM](#) has been partnering with Big Brothers Big Sisters and the Grout Museum district to introduce "littles" to the joy of making things. If you are interested in joining the fun, contact [Big Brothers Big Sisters](#) to be a mentor or contact [CVM](#)

- [Cedar Valley Makerspace tours/open house - Saturdays 10:00 - 2:00](#)

**2019: 1st Qrt Board Meeting:** April 8, 6:00 - 7:30. This meeting is open to the public. Please let us know if you would like to attend by e-mailing: [cedarvalleymakers@gmail.com](mailto:cedarvalleymakers@gmail.com) Right now we are planning to meet at the Millrace boardroom, but the location is subject to change depending upon response.

## **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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