



May 2021



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## May 2021 Newsletter

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*After a long year of COVID caution, we are excited to start stretching our legs by offering more in person workshops and events.*

### **Starting in May:**

[Digital Design Night](#) - Starting Tuesday May 11th, we will host a weekly digital design night from 7:00-9:00pm. This event will give members a springboard into design for digital fabrication. We will start with Fusion360 (CAD) and 3d printing with a plan to cover other popular software and maker processes. You do not need a project idea or any experience to attend. Members knowledgeable in these subjects are also welcome to share advice and help with projects. We have a limited number of laptops and workstations, so we encourage you to bring your own computer (and mouse) if you have one. This event is free for subscription members, and may be available to community members for a fee if space allows.

### **August:**

[Robotics Design Workshop\(Ages 12 - 16\)](#)

Dates: August 9th-13th, Morning Session (10:00 - noon) or Afternoon Session (1:00 - 3:00)  
(Available to community and subscription members)

We are always looking for knowledgeable makers that are willing to share by hosting

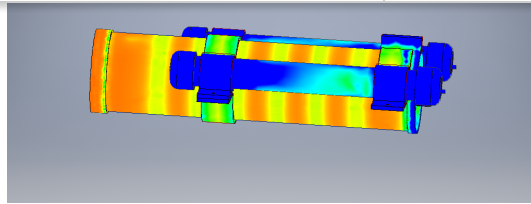
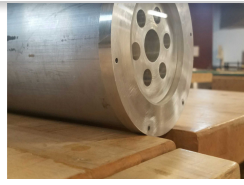
## Maker Meetup: Autonomous Sub



At the April meetup, Chris Hajduk presented his ongoing remote submersible project. It was a great presentation brought to us by a skilled maker, that provided a glimpse into how he solved a series of very difficult problems.

Chris's innovative magnetic propulsion system, and his use of micro-glass spheres to increase buoyancy are just a few solutions expected to result in an autonomous sub able to withstand incredibly high pressures. It was fun to see what a maker can do with a combination of skill and a makerspace filled with great equipment.





## May Meet-up Garden Art



Garden Art in May meet-up at the makerspace. We expect to continue to wear masks as members get vaccinated but it will be great to meet at the



Join with a friend promotion and get nearly half off your memberships for the first three months. Current members can recruit a friend and get the same great deal.

Friends each pay only \$25.00 per month (first 3 months)

e-mail: [info@cedarvalleymakers.org](mailto:info@cedarvalleymakers.org) to schedule a tour of the makerspace.

## Maker Skills

**What tool or equipment would you like to learn to use or improve your skills? Send a note to [todd@cedarvalleymakers.org](mailto:todd@cedarvalleymakers.org). We'll look into making a class, setting up an individual training or creating a training video.**



Lincoln Savings Bank investment. Not only are they beautiful, but we expect they will be far more efficient towards regulating the temperature in the makerspace.

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## Project of the Month



Member MacKenzie Koth's reversible top coffee table



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Our members have kept COVID out of the



and we hope that everyone embraces the science that will help get us back to pre-pandemic operations. Until then, we continue to wear masks and social distance in accordance with the [Waterloo Mandate](#) and [CDC Recommendations](#). Thanks again to all of the members and volunteers that have made the makerspaces pandemic response a success.

[Proximity App](#) The proximity app can be downloaded to your smart device, and allows scheduling time in the space and access using digital keys. Links to the app and more detailed instruction on entering a pin are in the [access control procedure that is linked](#). Doors can be unlocked for community groups and events for scheduled dates and times. To schedule, contact: [info@cedarvalleymakers.org](mailto:info@cedarvalleymakers.org)

**Member Resources** - We have been updating the [member resource page on the website weekly](#) with guides, tutorials, and manuals. We also have a dedicated group of volunteers that are all too happy to give advice. If you are ready to start a project and would like some assistance, please do not hesitate to ask. [info@cedarvalleymakers.org](mailto:info@cedarvalleymakers.org)

**Volunteers** - If you have time on your hands, and maker skills you would like to share let us know. Even if you have more time than skill, come in to the shop and we can turn you into a super user adept at helping others. Volunteer email: [info@cedarvalleymakers.org](mailto:info@cedarvalleymakers.org)

## Support Cedar Valley Makers

It is amazing what a bunch of dedicated volunteers can do, but we only scratch the surface of CVM's potential. With your support we can do much more:

- Become a paying maker space member with a recurring monthly membership of \$40.00 and get full access to the shop and tools 24/7.

- If you have less time than money, consider becoming a friend of CVM with a tax deductible donation. Our goal is to have 150 friends willing to give us a small recurring donation. If that is you, support us through the [Community Foundation of North East Iowa...](#)



#### Programs and Volunteer Community events:

- 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)

### [The Board of Directors](#)

**Our Mission:** To promote collaborative learning, creative design, and manufacturing for people of all ages and skill levels. We provide education by giving access to tools, machines and training inside our makerspace and by promoting and planning educational events that can forward scientific thinking, learning and entrepreneurial spirit for all members of our community.

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