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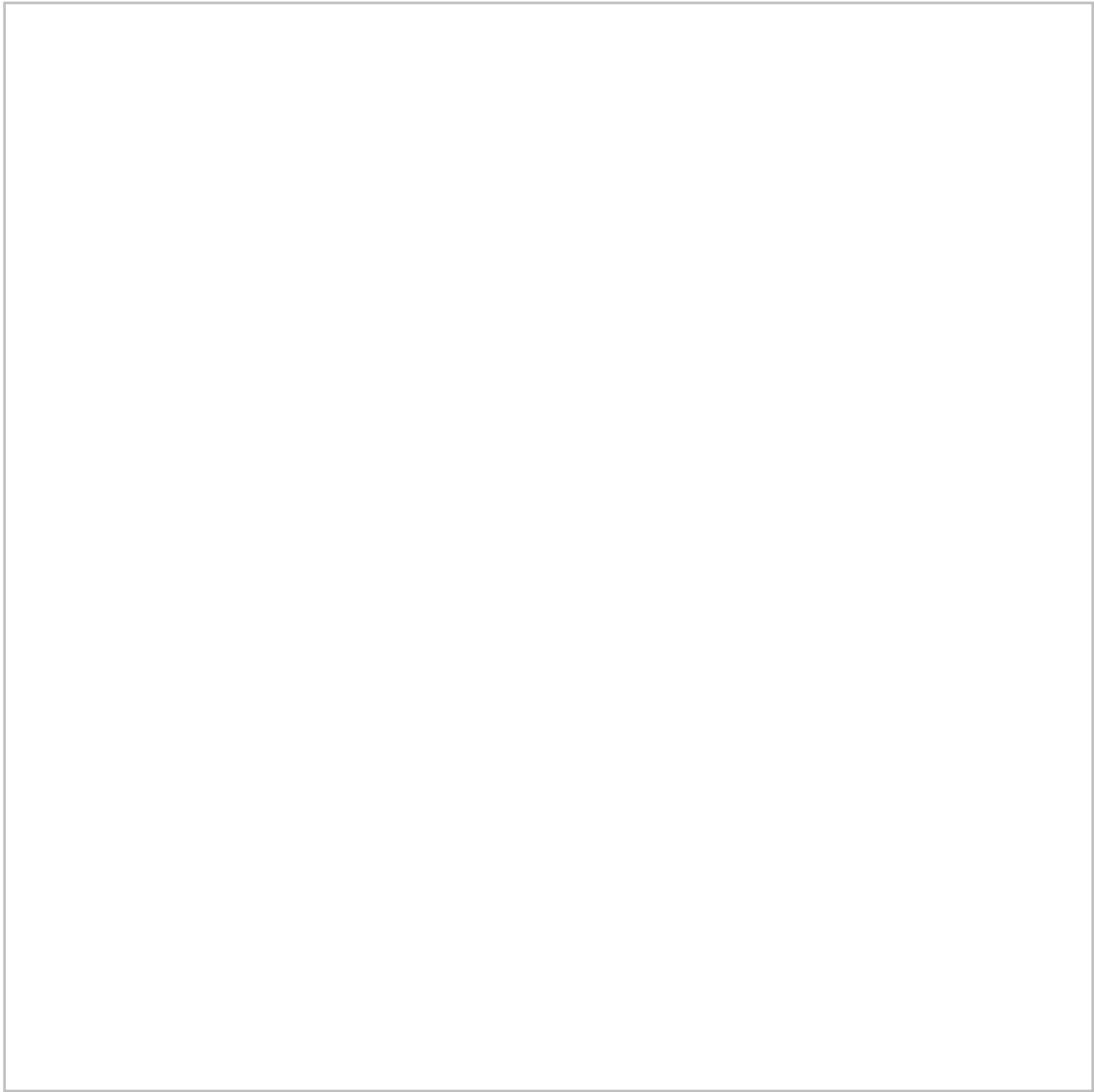


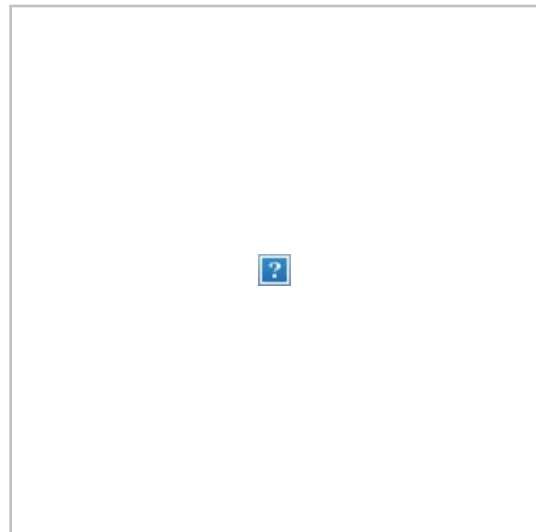
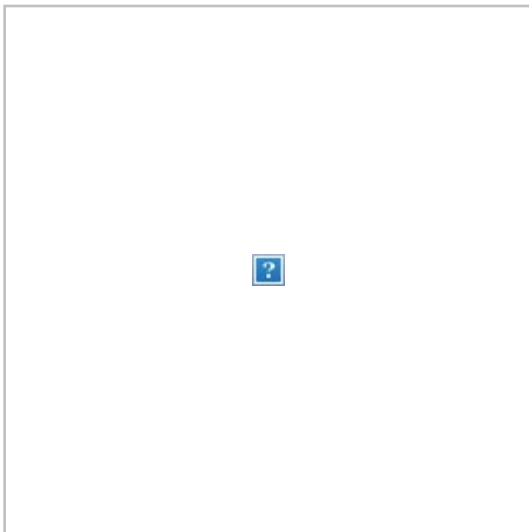
July 2021



July 2021 Newsletter

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Pictured: NASA air rockets programming, CVM's in progress rocket launch controller. Featuring a [Circuit Play Ground express](#) programmed with [Make Code](#), fun switches, and a launch button, in a lasered [makercase](#).

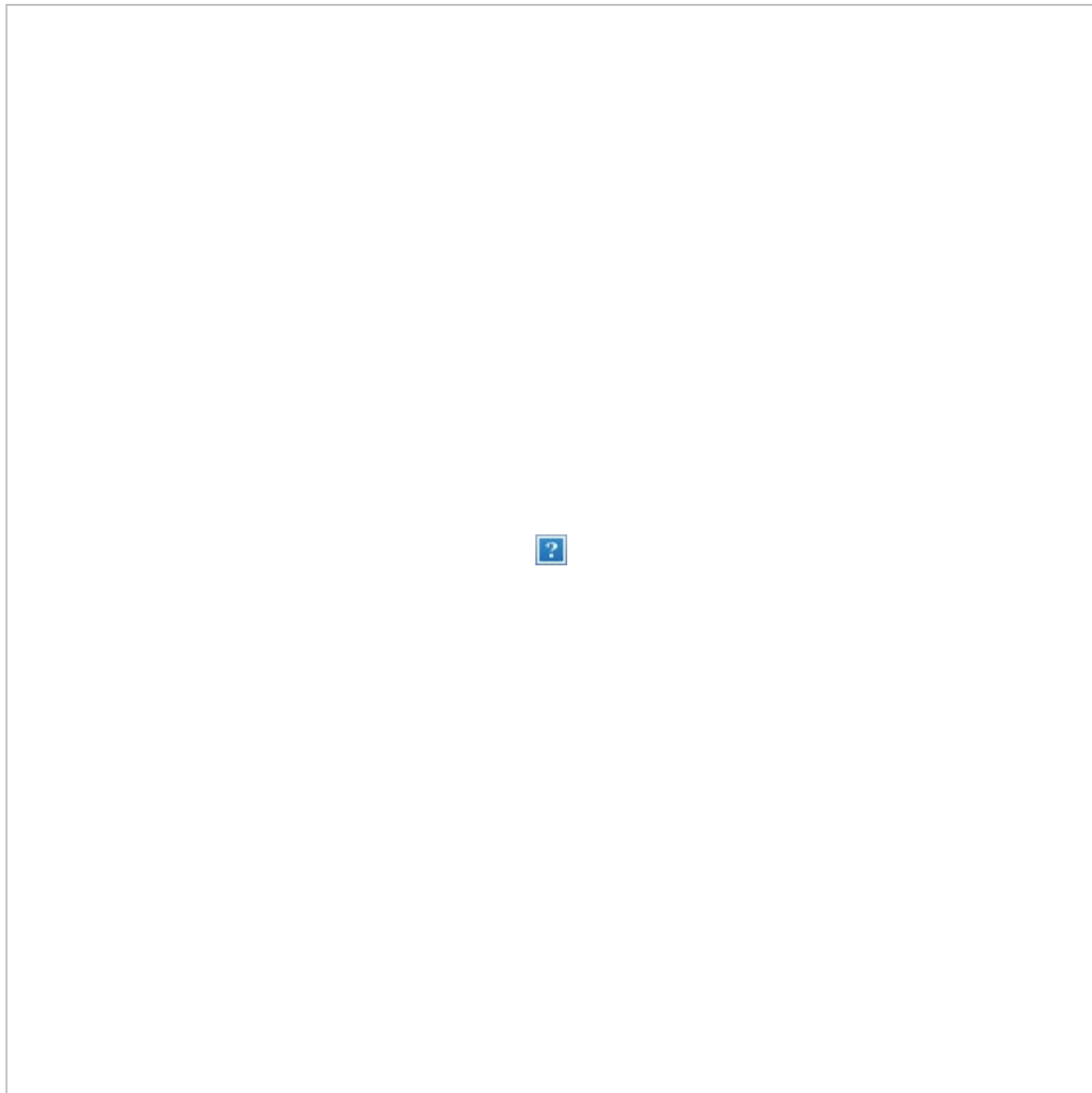
The rocket launcher will be a fun way to demonstrate how easy it is to make fun projects using microcontrollers. It will be used to launch air [rockets](#) that the kids will make. If you would like to volunteer to help with this fun project, e-mail info@cedarvalleymakers.org.

Work Shops and Events:

[Check the Events Page](#)

Come to our recurring series on Tuesdays and Thursdays 7 - 9. We will support digital, microcontrollers, and maker processes, such as 3d printing, laser cutting, and CNC. Otherwise, subscription members know there is always a second in the shop during scheduled events.

Robot Design Work Shop



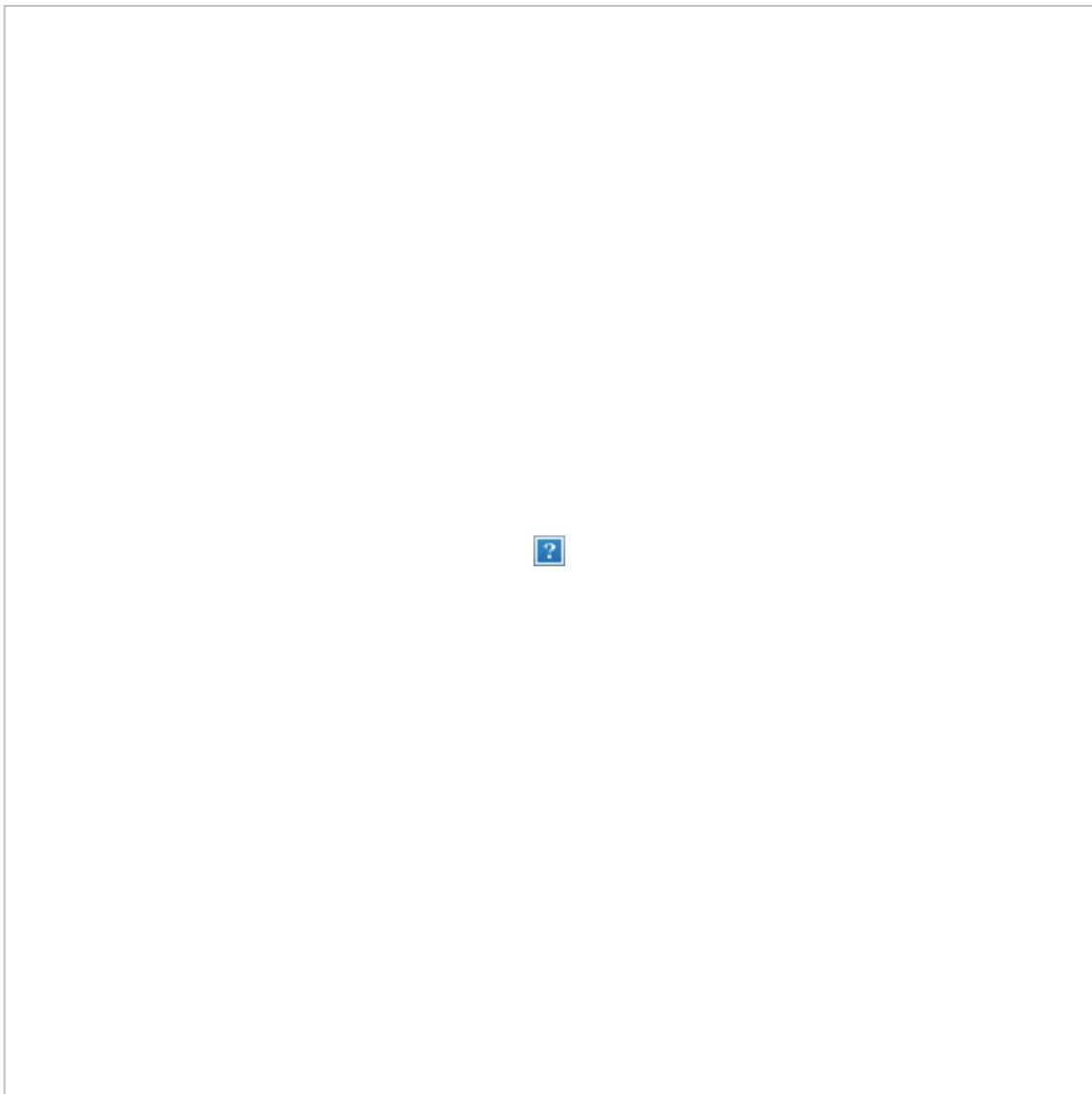
There are a few spots left in both the morning and afternoon sessions of the

robotics design workshop. Dates: August 9th-13th, Sessions (10:00 - 12:00
OR 1:00 - 3:00)

Workshop Description(Ages 12 - 16):

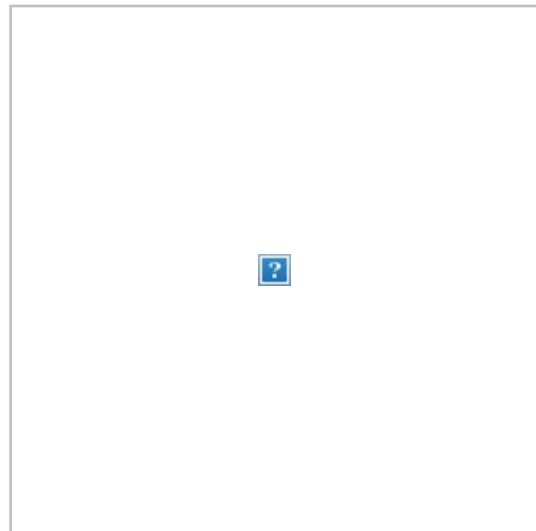
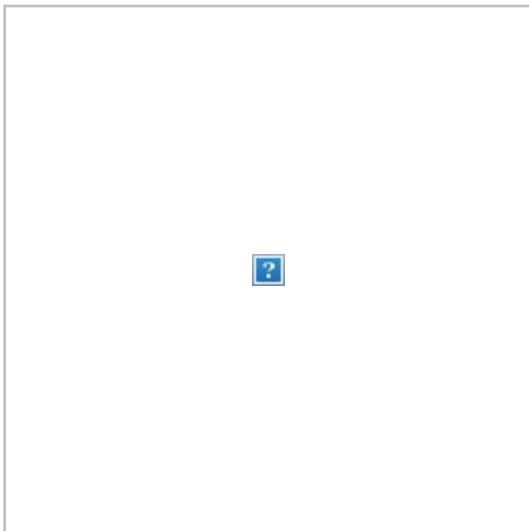
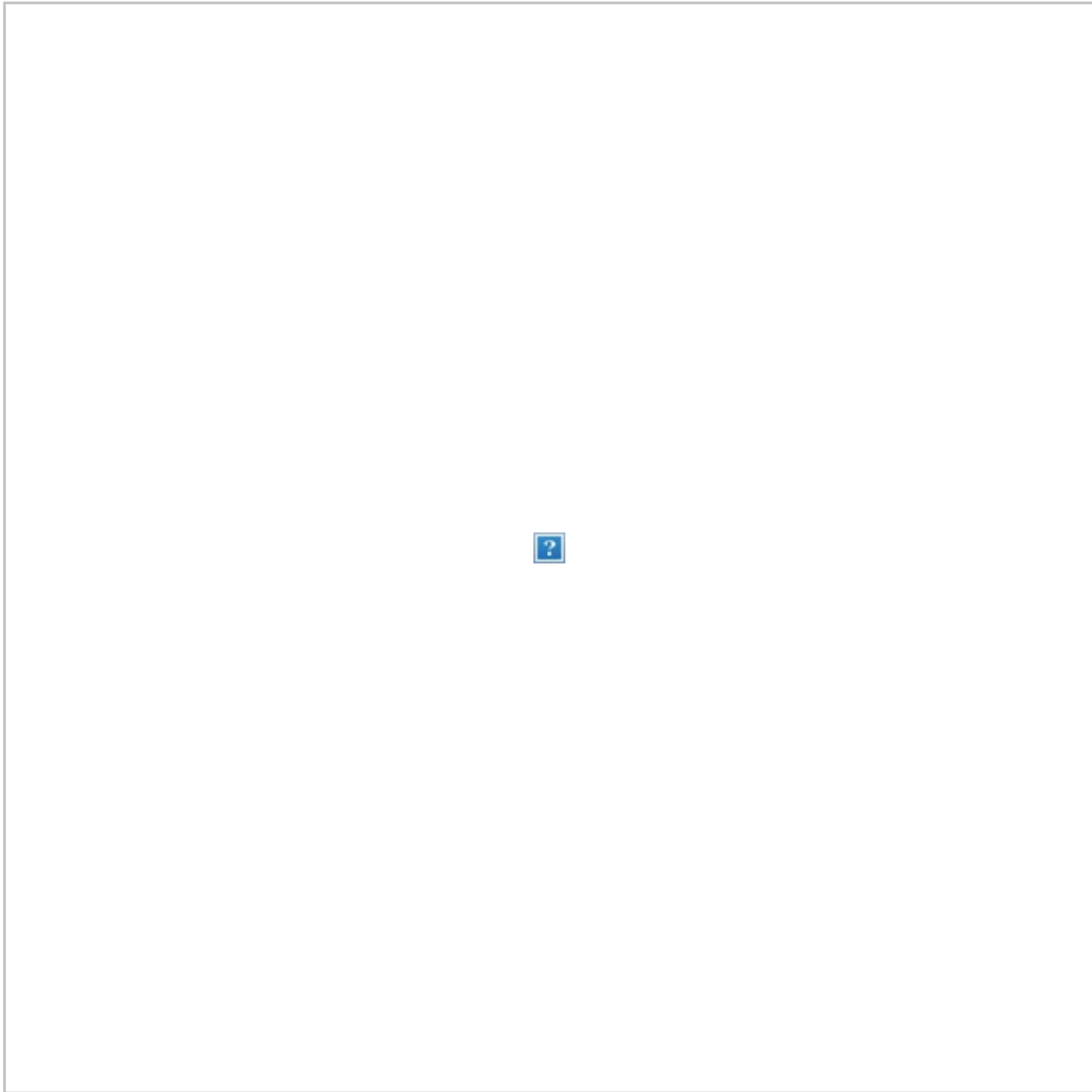
Build your design and electronics skills by making your own CupBot. Using the design process, you'll build and enhance your very own robot, all while using resources available in the Cedar Valley Makerspace. [Register on our events page](#)

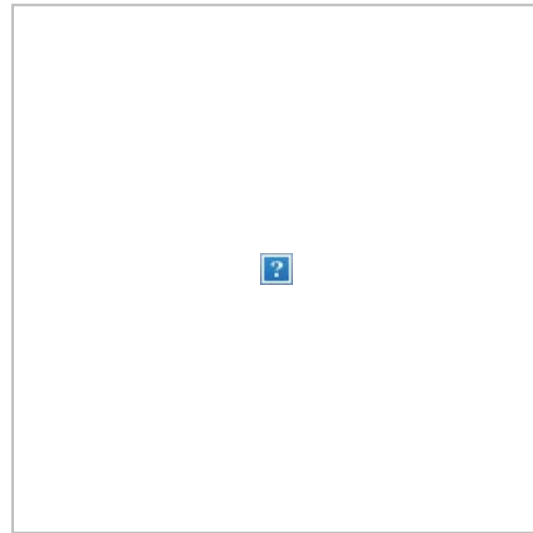
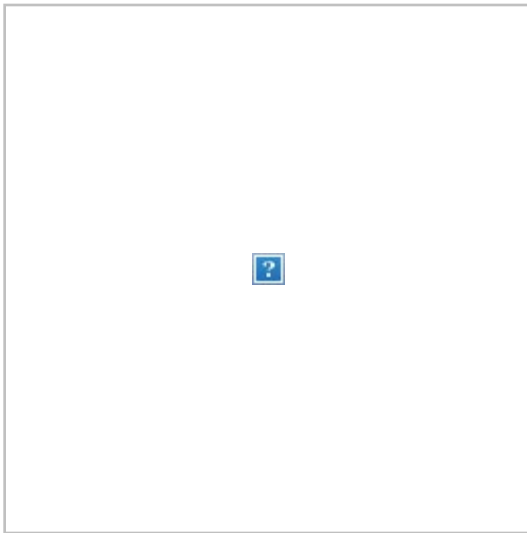
Tool of the Month



Donated by anonymous, a carving vice is great for..... carving, but really anytime you need to get a hold of odd shaped projects.

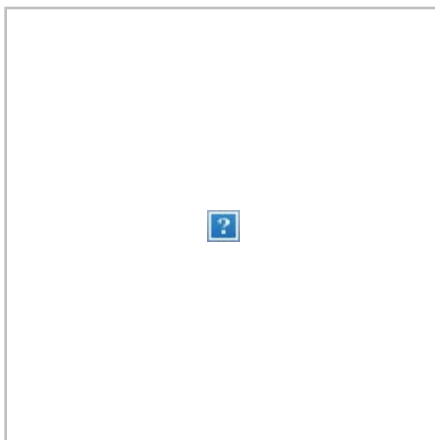
Project of the Month





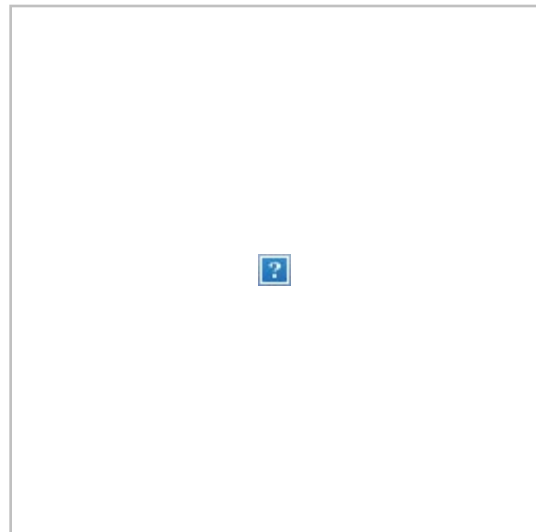
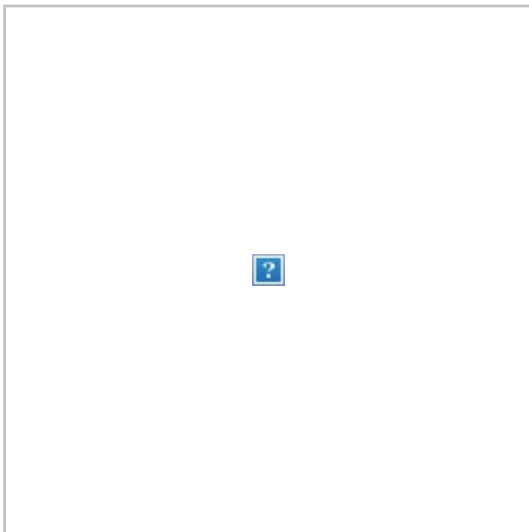
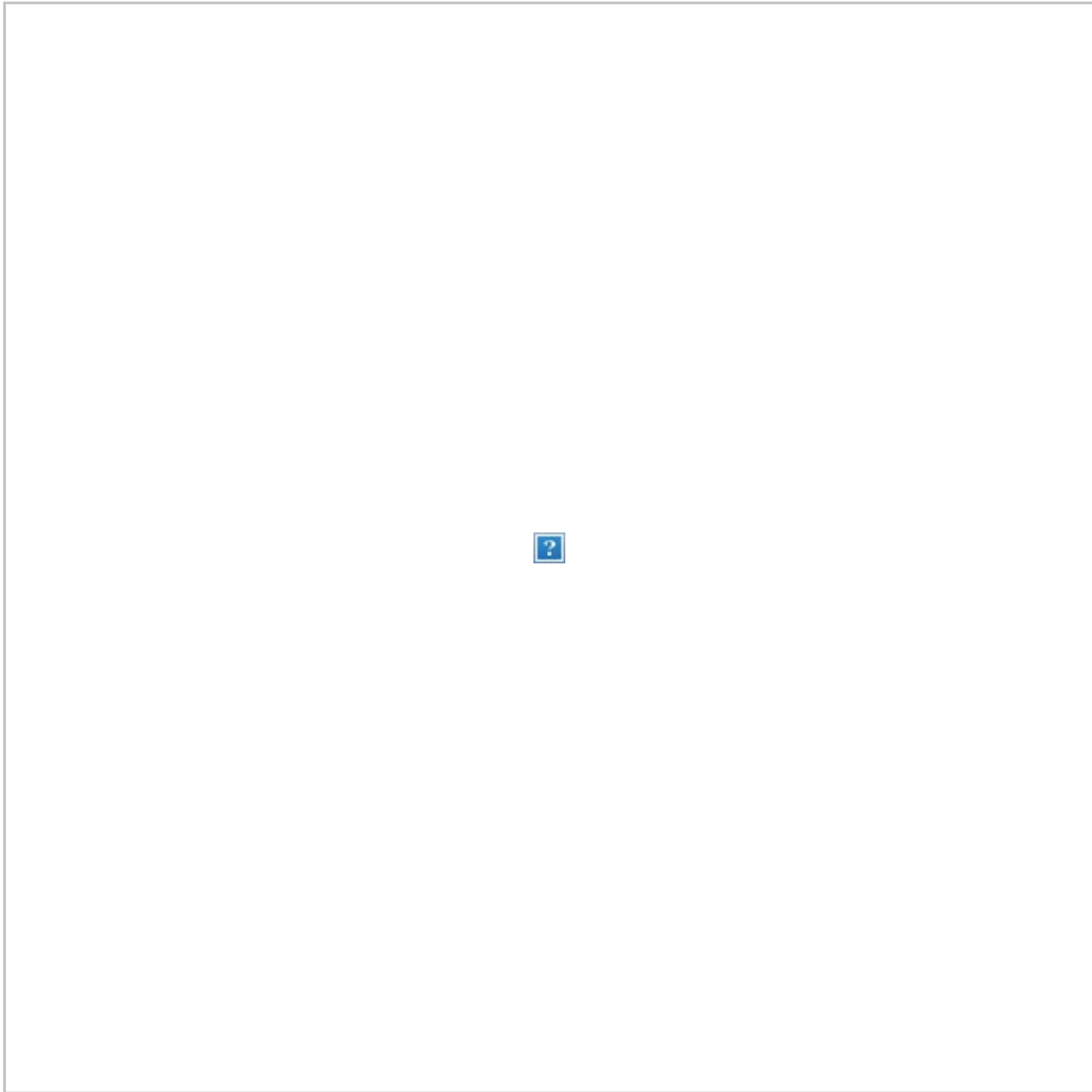
Project by David Drum: One of the great things about having maker skills is the ability to create exactly what you want. At the Makerspace, David used the planer, table saw, router, ornamental bender, and the metal drill press. Added some alchemy, to get a black patina on the parts and he has a beautiful, custom solution for propagating plants.

Fabulous Lab For Free

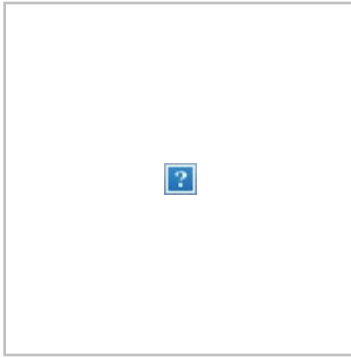


If you or your community or interest group would like to schedule an event or meet in our Fab Lab, please inquire at info@cedarvalleymakers.org. Robotics Cubs, Rocket Clubs, Scouts and FFA, are just a few of the groups that have scheduled meetings at CVM.

The space has been re-organized with all of the digital software and tools to make your groups next S.T.E.A.M project top notch. Donations and community support make the space available no charge.



Fully vaccinated *are no longer
required to wear masks at the Cedar Valley*



Makers in accordance with the CDC and local ordinance. Otherwise, please continue to wear masks to protect yourself and others that cannot yet be vaccinated in an effort to put community spread behind us.

Construction Update: Thank you all for your patience as the TechWorks Building has seen a major renovation over the last last year. The front entrance is now open, and it seems we have rounded the corner. If you experience issues or inconvenience as the dust settles and people move in, please let us know info@cedarvalleymaker.org. We will work through the issues as quickly as possible. Thanks again.

[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

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

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.
- Sign up for a community membership and volunteer to mentor, or help with workshops and events.
- 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...](#)

[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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