

Make- a-Thon: Coding | Making | Problem Solving (April 1-15)

Unpacking the kit

It includes an Arduino board, 4 motors, an assortment of sensors, cardboard, glue gun and a few other items to create your prototype. You can add items as needed when you build. If you add more electronics it will automatically put your entry in the Super Engineered Category.

You will also find a Maker Faire Lake County t-shirt and pin provided by the CLC Baxter Innovation Lab.

Preparing for the April 1st Webinar (6-8pm)

Installing the Arduino drivers and IDE software before the webinar will save you time and let you jump right in to prototyping.

- Here is a link for a tutorial guide <https://learn.sparkfun.com/tutorials/redboard-qwiic-hookup-guide>
- If you are looking to dive in and get started, this tackles a bunch of example circuits and code: <https://learn.sparkfun.com/tutorials/activity-guide-for-sparkfun-tinker-kit/>

Webinar April 1st

Please click the link below to join the webinar:

<https://clcillinois.zoom.us/j/96834494856?pwd=dmlaMUJqSjdYaU9tK3JOM1N6MmNUdz09>

Passcode: 671672

- The specific challenge(s) will be revealed.
- An industry expert from SparkFun will introduce the microcontroller platform and assorted items in the kit.
- If you are new to coding and electronics, this session will jump start your project.

Submitting your entry

The videos and description of your prototype must be posted on Make: Projects on April 15th. Create an account <https://makeprojects.com/home> and then follow the guide posted on the Make-a-thon webpage.

Brainstorming and Trouble shooting

- For a deeper dive for helping to debug the driver install process: <https://learn.sparkfun.com/tutorials/how-to-install-ch340-drivers>
- Optional zoom sessions will be emailed to you shortly.

