

**Maker Faire® Rochester**

and



# Present



**Grades 3 to 8**

**Friday November 22, 2019**

**9:00 AM to 2:30 PM**

**Rochester Riverside Convention Center  
Rochester, NY**

Join us for Maker Faire Rochester's 2nd Annual Student S.T.E.A.M. Fest. It's a special sneak peak of Maker Faire Rochester for students in grades 3 to 8. The day is filled with hands-on activities, engaging demonstrations, wonder, & excitement centered around S.T.E.A.M and every aspect of the Maker Movement.

*High school groups are encouraged to apply for a booth to present at Student S.T.E.A.M. Fest*

## Standards Aligned Strands

- ROBOTICS AND DRONES
- THINK, DESIGN, CREATE
- SUSTAINABILITY
- THE ARTS
- HANDS ON SCIENCE
- CULINARY & AGRICULTURE
- CODING AND THINGS THAT GO BLINK
- DIY



## Registration Information, Cost & Details

- \$250 Per Class (25 Students, 2 Chaperones, and 1 Teacher\*) **Check with your local BOCES about using Arts & Ed COSER**
- All activities & materials included with fee
- Lunch on your own - Pack or buy at concession stand
- Register your class at **nyscate.org** — Space is limited and on a first come basis.

- Please email us at **nyscateinfo@gmail.com** with any questions regarding registration, payment, schedule, or home school groups. Use the Subject Heading: Student S.T.E.A.M. FEST for email correspondence.

\*Aides required in student IEPs do not count towards the chaperone or teacher total. (ie: one class has 3 students with one to one aides — \$250 includes 25 Students, 3 Aides, 2 Chaperones, and 1 Teacher)

## Maker Faire Learning Objectives

- Meet, interact, and converse with individual Makers who are sharing their unique passions
- Become exposed to the wide breadth of art, science, engineering, history, and interdisciplinary subject areas that all involve making
- Engage in hands-on workshops and activities, resulting in a project to take home
- Collaborate on a large community project and share experiences with other attendees
- Become exposed to, feel welcomed by, and supported in, the Maker community
- Be inspired with at least one new idea to try at home or in school



## Sample Activities Aligned to NGSS

**Learn to Solder**—Students will learn the basics of soldering by completing a soldering skill badge.

NGSS MS-PS 1-4, MS-PS-3

**Recycled Art**—Students will be tasked with designing art by repurposing and reusing recycled materials.

NGSS 4-PS3-2; K-ESS3-3

**Science and Engineering Practices:** Asking Questions and Defining Problems; Developing and Using Models; Constructing Explanations and Designing Solutions

**Crosscutting Concepts:** Cause and Effect; Systems and System Models; Structure and Function

## Maker Faire Rochester Info

•**Web:** [rochester.makerfaire.com](http://rochester.makerfaire.com)

•**Twitter/Instagram:** @MakerFaireRoc

•**Facebook:** MakerFaireRochester



## NYSCATE Contact Information

NYSCATE

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