

NCCTM Western Region Math Fair 2023



When? April 21-22, 2023

Where? Virtual (via Zoom)

Western Region Math Fair Registration Deadline:

April 6, 2023

For more details and to access the registration form visit:

<https://www.ncctm.org/activities/math-fairs/>

Chairs : Rob Leichner and Erica Slate Young

All students attending school in North Carolina are eligible. Fill out one form for each project. Payments can be accepted by check, PayPal or Venmo. There is a \$10.00 non-refundable registration fee for each student entering a project; payment must be received electronically or postmarked by **April 6, 2023**. (Checks made payable to NCCTM Math Fair.) No student substitutions will be permitted. No late registrations will be accepted.

***PLEASE NOTE ALL STUDENTS' NAMES WHEN SENDING YOUR PAYMENT.**

Paypal payments can be made to Robert Leichner at: **dhubie44@hotmail.com**

Venmo payments can be made to Robert Leichner at: **@robleichner**

Mail checks, **made payable to NCCTM Math Fair**, to:

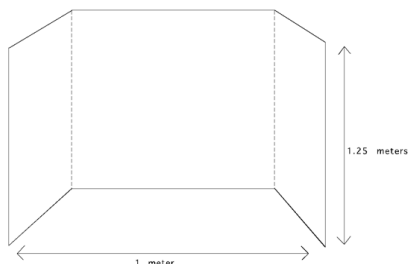
Erica Slate Young
Department of Mathematical Sciences
121 Bodenheimer Drive
341 Walker Hall
Boone, NC 28608

Email questions to: robert.leichner@cms.k12.nc.us

Project Size:

The maximum size of the project:

- One (1) meter in width (side to side)
- One and a quarter (1.25) meters in height
- Any displayed items must fit on the table in front of the project board.



NOTE: There can be no add-ons on the sides or on the top that extend the size of the project board. All projects must be displayed on a tri-fold project board. All measurements will be made at the widest points. Projects that fail to meet these requirements will not be judged.

Project Requirements:

Projects must be labeled with a 3 x 5 index card on the back of the project with the following information:

Name of Class/Person, Teacher's Name, Grade Level, School Name, City and County

Any special equipment, such as computer, power strip, etc. must be supplied by the presenter.

Eligibility and Categories:

All students attending school in North Carolina are eligible to enter. Projects may be entered in the following categories:

- Primary: Grades K-2 (Individual or Class)
- Elementary: Grades 3-4 (Individual or Class)
- Intermediate: Grades 5-6 (Individual or Class)
- Middle School: Grades 7-8 (Individual Projects)
- High School: Grades 9-12 (Individual Projects)

Additional Information:

- * Class projects must involve a majority of the students in that class. Individual projects involve one or two students only.
- * If a student is paired up with another student from a different division, they must compete in the higher division. For example, if a 6th and 7th-grader pair up on a project, then they must enter the Middle School Division (7-8).
- * Projects must be pre-registered (online) to be

accepted for competition.

- * There is a limit of 3 projects per school, per category.
- * Each project must be represented by 1 or 2 students whose names appear on the project.
- * Schools may only participate in one regional fair.

Judging Criteria:

A. Written documentation must include:

1. Origin of the idea
2. An outline of the development of the project
3. Discussion of mathematical concepts investigated
4. References used including names of resource people

B. Oral presentation must include:

1. Clear and well organized discussion of mathematical concepts presented
2. Response to evaluator's questions

C. Development and demonstration of mathematical concepts in an effective manner

D. Investigations which extend beyond the student's everyday classroom investigations

E. Student creativity

F. Organization of ideas, thoroughness, and clarity

G. Appearance

Project Rating Scale

0 - Below Average 1 - Average 2 - Above Average
3 - Outstanding

Project Feedback

After judging is completed, a feedback form will be emailed to you at the email address provided on the registration form.

Virtual Math Fair Information

For the virtual math fair, participants should still create a physical project. The State Math Fair is in person, so if selected to go on to the State Fair, they will need physical project that conforms to the guidelines given here. Participants will submit photos of their project boards prior to judging. More information regarding this will be sent to participants after the registration form is completed.

After the registration form is submitted, participants will be contacted to sign up for a virtual interview time with the judges. These interviews will be held on Friday, April 21 (after school) and Saturday, April 22 (between 9 and 1).

If you have questions about the virtual elements of this math fair or general math fair-related questions, contact the coordinators at robert.leichner@cms.k12.nc.us or slateer@appstate.edu

We appreciate your interest in the Western Region Math Fair and your patience with us as we continue to navigate the post-Covid logistical challenges. We hope to be back in person for 2024!