

NCCTM Central Region Math Fair 2018



The NCCTM Central Region is sponsoring a Mathematics Fair for student projects on **Saturday, March 17, 2018** at North Asheboro Middle School. All students attending school in North Carolina are eligible.

MATH FAIR REGISTRATION DEADLINE:

February 24, 2018

To fill out the online registration form, visit www.tinyurl.com/NCCTMCentralRegion and select the Online Registration Tab. Fill out **one** form for each project. Please mail the \$10.00 nonrefundable registration fee for each student entering a project; payment must be postmarked by **February 24, 2018**. (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 IN YOUR PAYMENT.

Send payments to:

Wendy Graham
c/o Asheboro High School
1221 South Park Street
Asheboro, NC 27203

Email questions to:

wgraham@asheboro.12.nc.us

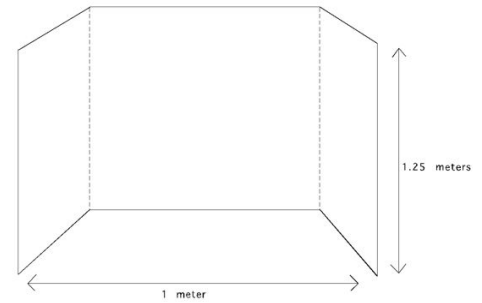
NOTE: \$10.00 per student, checks made payable to NCCTM Math Fair

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

Notes:

- * 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), not the Intermediate Division (5-6).
- * Projects must be pre-registered (online) to be accepted for competition.
- * There is a limit of 9 projects per category per school.
- * Each project must be represented by 1 or 2 students whose names appear on the project.

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

If you would like a copy of the judges' comments, bring a self-addressed, stamped envelope on the day of the fair and leave it at the registration desk when you check in. On the back of the envelope, include student's name, project name, and project number.

Math Fair Itinerary:

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|-------------|---|
| 9:00 - 9:45 | Project Registration
Math Fair Participants Report to Waiting Areas
*A morning snack will be provided |
| At 9:45 | Registration Area and Project Area are cleared
Parents are asked to move to the auditorium
Project Interviews Begin |
| 1:30 | Awards Ceremony in the Auditorium |

Once a math fair participant has been interviewed he/she will be released to their parent or guardian. At that time, they may leave campus for lunch.

If judging has been completed in time, the project area will be opened for public viewing prior to the Awards Ceremony.