

DISTRICT 196 INVENTORS FAIR

- WHAT?** A display and judging of student inventions
- WHY?** To teach and encourage students to use creative problem-solving techniques and to bring creative ideas to reality through the medium of invention
- WHO?** All District 196 students in grades 4 and 5 are eligible to participate
- WHERE?** Eagan High School and Dakota Hills Middle School
- WHEN?** **Saturday, January 17, 2009** from 8:30 a.m. - 12:00 p.m., with judging from 8:30 a.m. until the last invention is judged. Displays are open to the public at 10:30 a.m. Awards are presented at approximately 11:30 a.m.

SPONSORED BY: The Gifted and Talented Program of District 196

YOUNG INVENTORS FAIR: District winners will be encouraged to submit their inventions to **The Young Inventors Fair**. **The Young Inventors Fair** is primarily an educational program, designed to teach creatively gifted students creative problem solving skills, which they can then apply to some of humankind's real problems. Student inventions are judged by parents, inventors, teachers and other professionals on Thursday, February 26, 2009 and Friday, February 27, 2009. The best 100 are featured, along with the young inventors, at the Landmark Center in St. Paul on Saturday, April 4, 2009.

RESOURCES: Many books about inventing are available in your school, public libraries and on-line. Each school has a copy of the Young Inventors Fair Curriculum Guide available to teachers.

NOTE: This is an optional, independent project, entirely the work of the student(s). Official rules **MUST** be followed exactly for the invention to be eligible.

QUESTIONS: Ask the GT Specialist at your school.

District 196 Inventors Fair Registration Form:
Due to your GT Specialist by **DECEMBER 12, 2008**

DISTRICT 196 INVENTORS FAIR ENTRY SCHEDULE



DISTRICT 196 INVENTORS FAIR REGISTRATION FORM AND VOLUNTEER FORM DEADLINE: December 12, 2008

The entry must be received by Friday, December 12, 2008 to register and reserve a place in the Inventors Fair. Be sure to include the student information and name of invention. If the invention is by partners, include partner's student information. Parents will be contacted once volunteer forms are reviewed. Please note that our major form of communication will occur via e-mail. Make a note on the form if you prefer paper communication.

SET-UP: Friday, January 16, 2009

Bring your invention and completed Inventors Fair form (this green form will be given to each student when they register) to the entrance to Eagan High School and Dakota Hills Middle School, which is located near the horseshoe driveway, on **Friday, January 16, 2009** anytime between 6 p.m. and 8:30 p.m. Check in at the registration table and set up your invention in the assigned space. To prevent damage to inventions, viewing of inventions **will not** be allowed Friday night.

JUDGING TIME: Saturday, January 17, 2009, 8:30 a.m.

Three judges will judge each invention independently. You must be present when your invention is judged so you can answer judges' questions about your invention. You may wish to bring a snack, book, game, etc. to pass your spare time. Parents of inventors are **not** allowed in the inventor's area while the judging takes place.

PUBLIC DISPLAY: Saturday, January 17, 2009, 10:30 a.m. - 12:00 p.m.

Discuss your invention with the public. You will be given a break for part of the judging time to view the other inventions. You **must** be present with your invention during the entire public viewing time. You will not be allowed to leave to attend other activities. You can only view inventions in the room you are displaying in.

AWARDS CEREMONY: Saturday, January 17, 2009 at 11:30 a.m.

CLEAN UP: Saturday, January 17, 2009

All inventions must be removed by **12:30 p.m.**

DISTRICT 196 INVENTORS FAIR ENTRY RULES

1. Students must be in grades 4 or 5 in a District 196 school or may be a 4th or 5th grade home schooled student in District 196 to participate.
2. An entry may be either a completely new product or item or an improvement to a previously existing product or item.
3. The invention may be that of a single student OR pair of students.
4. ONE INVENTION per student or pair of students may be entered.
5. The invention must be the original and unassisted work of the student(s). No parental participation is allowed. It is only acceptable to assist the child with tools that are a danger to your child. It must however, be your child's idea. Inventions exhibited in this Inventors Fair can not be an invention that has been submitted in past District 196 Inventors Fairs.
6. Students must submit an entry form by **December 12, 2008** to their GT specialist. They must give the name of the invention, information about the inventor, and information about any partner. Parents are **strongly** encouraged to volunteer to help with the Inventors Fair. The Inventors Fair is greatly dependent on volunteers. Remember that parental assistance is vital to its success. The volunteer form will accompany the registration form.
7. The student must produce a functioning prototype of the invention.
8. Students must bring their invention and completed Inventors Fair Form (green) to the Fair set-up evening at Eagan High School and Dakota Hills Middle School on **Friday, January 16, 2009 between 6:00 and 8:30 p.m.**
9. Each displaying inventor will be provided with table space at the Inventors Fair.
10. Each inventor must provide an explanatory display board(s), made of paper, cardboard, or wood. The self-supporting board(s) should contain the following information:
 - The name or title of the invention
 - A statement of its purpose
 - A diagram or picture of the invention
 - A description of how the invention works

It is suggested that you put your name(s) on the back of your invention or display board.

11. NO LIVE ANIMALS can be brought to the Fair.
12. Electrical power **will not** be provided; batteries must be used. Exposed flames are not allowed. In accordance with district policy: knives, weapons or look-alike weapons will not be displayed at a school or district activity.
13. *Each invention should fit onto an area 24 x 24 inches. A vertical display board is to be set up behind the invention. It is the student's responsibility to attach and support that board. If the invention is oversized or needs to be shown on something that does not fit into the afore mentioned space, please check the appropriate section on the registration form.
14. Students **must be present** at the Inventors Fair January 17, 2009, for the judging, for the public display and for awards. They must be prepared to explain and discuss their invention with the judges and with the public.

**District 196 Inventors Fair
Volunteer Opportunities Form**

Inventors Fair is successful when parents of participants support their child in the project and support the event with volunteer participation. Please indicate below the area(s) that you would prefer to donate your support. **We will contact you if you are needed. Please note that e-mail will be our major form of communication. Check below if you prefer to have paper communications.**

_____ Judging on Saturday morning. **This is our greatest area of need.**

_____ Phone contacts to judges and students a few days prior to the event to confirm attendance.

_____ Set up for the event on Friday afternoon at DHMS/EHS, January 16, 2009 from 4:00 to 5:00p.m.

_____ Security monitoring during Inventors Fair on Saturday, January 17, 2009 from 8:30 a.m. to 11:30 a.m.

_____ Clean up after the event on Saturday, January 17, 2009 from noon to 1:00 p.m.

_____ Judging at the all metro *Success Beyond the Classroom* event on February 26 or 27th, 2009 in St. Paul.

Student Name and Grade _____

Telephone _____

Parent/Guardian Name _____

Address _____

Email Address _____

(please print clearly)

_____ I prefer to have paper communications.



DISTRICT 196 INVENTORS FAIR REGISTRATION FORM

DEADLINE: No later than **December 12, 2008** Give to: Your **GT Specialist**

Invention Name: _____

Inventor's Name _____

E-mail address _____

Address _____

City _____ Zip _____ Telephone _____

School _____ Grade _____ Age _____

Homeroom Teacher _____

I will bring my completed invention and Inventors Fair Form to Eagan High School and Dakota Hills Middle School on **Friday, January 16, 2009 between 6:00 and 8:30 p.m.** I will be present for judging, public display and awards on **Saturday, January 17, 2009 from 8:00 a.m. to 12:00 p.m.**

Inventor's Signature _____

Parent/Guardian Signature _____

_____ I require handicap accessibility _____ My invention is oversized

If the invention is the work of partners fill in this section.

Partner's Name _____

E-mail Address _____

Address _____

City _____ Zip _____ Telephone _____

School _____ Grade _____ Age _____

Homeroom Teacher _____

I will bring my completed invention and Inventors Fair Form to Eagan High School and Dakota Hills Middle School on **Friday, January 16, 2009, between 6:00 and 8:30 p.m.** I will be present for judging, public display and awards on **Saturday, January 17, 2009 from 8:00 a.m. to 12:00 p.m.**

Inventor's Signature _____

Parent/Guardian Signature _____

_____ I require handicap accessibility _____ My invention is oversized