

OFFICIAL ENTRY FORM 2009-2010

Please **register** your school, district or individual student before submitting entries to YIF.

Go to http://www.formspring.com/forms/YIF-yif_registration for more information.

**** AN IMPORTANT NOTE REGARDING INDIVIDUAL STUDENT SUBMISSIONS ****

YIF welcomes individual entries, however, we cannot accept your child's submission if her/his school or district is already participating in YIF **UNLESS** the YIF Coordinator is contacted via email **by your child's teacher**. **The teacher must give written permission** for your child to participate separately from the school's or district's invention plan.

Please contact your child's teacher with questions regarding permission, and have her/him send an email giving permission for your child to participate with student's name, school, district and parent/guardian's name, email and phone number to the YIF Coordinator.

Once permission is received, please return to complete the online YIF Registration Form as "A Parent Who wants your child to submit an individual entry." and click "Yes" when asked if your child's teacher has emailed written permission to the YIF Coordinator.

If your child's school or district is NOT participating in YIF, you don't need written permission to submit an entry.

DIRECTIONS FOR THE OFFICIAL ENTRY FORM OF THE YOUNG INVENTORS FAIR

1. Two options for filling out the entry form are:

- a) print a blank form and fill out by hand with black ink, using only the space provided for each item; or
- b) type directly into the electronic version (See below, you must have Microsoft Word).

Note for all entries:

- **Entries created on this form must be submitted as hard copy (paper) via the U.S. Mail or in-person. NO EMAILED ENTRIES ACCEPTED.** Just print your entry, attach the photo and drawing, and follow the directions below for submitting entries. This form is posted on the YIF website at: www.successbeyond.org/yif.htm.
- For the electronic form, **start typing in the small rectangle** with yellow shading. You can use **“Tab” to get to the next item**. The amount of space shown is the amount in which you have to write/type (boxes will not expand).

2. Download the “Guidelines and Rules” from the YIF website for more details on entering YIF.

3. Submitting your entry

Unless otherwise directed, give your completed entry form to your invention teacher, who will forward it to the Young Inventors Program (YIF). All entry forms must be received by **YIF-Success Beyond the Classroom**, 3055 Old Highway 8, Ste. 302, St. Anthony, MN, 55418, with a postmark on or before midnight on **Wednesday, February 17, 2010** or hand-delivered to YIF-Success Beyond the Classroom by 4:00 p.m. on that date.

All versions require handwritten signatures. Incomplete entries may be disqualified and may not continue to the evaluation process at the discretion of the YIF Coordinator.

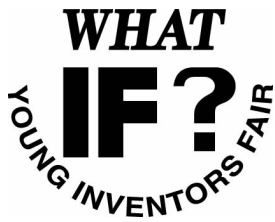
4. After submitting your entry

Your original entry form will not be returned. **Make a copy of your completed Entry Form** to keep for future reference. (If your invention is selected for the Fair, the form will help you develop your oral presentation.)

You will be notified by your teacher (or parent, if submitted individually) if your invention has been selected for exhibit at the Young Inventors Fair. If selected, you will also receive an information packet at the home mailing address you designated on the entry form.

Questions? Contact YIF Support at 612-638-1500 or email nancy.busse@metroecu.org or contact the YIF Coordinator at: kelly.ascherman@metroecu.org or 612-638-1555.

The Young Inventors Program is a program of Success Beyond the Classroom, a 501 (c)(3) nonprofit, engaging learners in creative thinking and extended learning for over 25 years.



**OFFICIAL ENTRY FORM
2009-2010**

DO NOT WRITE IN THIS BOX

Entry # _____ Category _____

Payment Type (circle one) : cash check other

Circle amount: \$10 \$20

CHECK # _____

Notes: _____

Please check one:

This is a school-based project initiated by a teacher, school or district.

This is an individual project that is being submitted by a parent or guardian (see permission rules on Page 1).

Today's Date	
Name of Invention	

STUDENT INVENTOR #1

Student Name (first and last)	
Grade	
Age	
Gender (male or female)	

Parent/Guardian Information

Parent Name (first and last)	
Email (for YIF contact purposes <u>only</u>)	

Phone Number where the YIF Coordinator can reach you (with area code)	()
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Home Mailing Address				
	House Number	Street	City	Zip Code

STUDENT INVENTOR #2 (PARTNER)

Student Name (first and last)	
Grade	
Age	
Gender (male or female)	

Parent/Guardian Information

Parent Name (first and last)	
Email (for YIF contact purposes <u>only</u>)	

Phone Number where the YIF Coordinator can reach you (with area code)	()
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Home Mailing Address				
	House Number	Street	City	Zip Code

TEACHER CONTACT INFORMATION*

*If this is a school-based project initiated by a teacher, school or district.

District Name & Number

School Name

Teacher Name (first and last)	
Phone Number (with area code)	()
Email (for YIF contact purposes <u>only</u>)	

School Mailing Address	Number	Street	City	Zip Code

TEACHER: I verify that this is the original work of my student(s) and that assistance from me was minimal. I have read and understand the **directions** on Page 2 and the **fees** on Page 15.

Print your name here:	Date:
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Sign your name here:

Section 1: VISUAL REPRESENTATIONS

Attach a photo of your invention to this page (Page 5).

Add a drawing of your invention to this page (Page 6).

You have several options for creating your drawing: You may use the back of Page 6, if necessary.

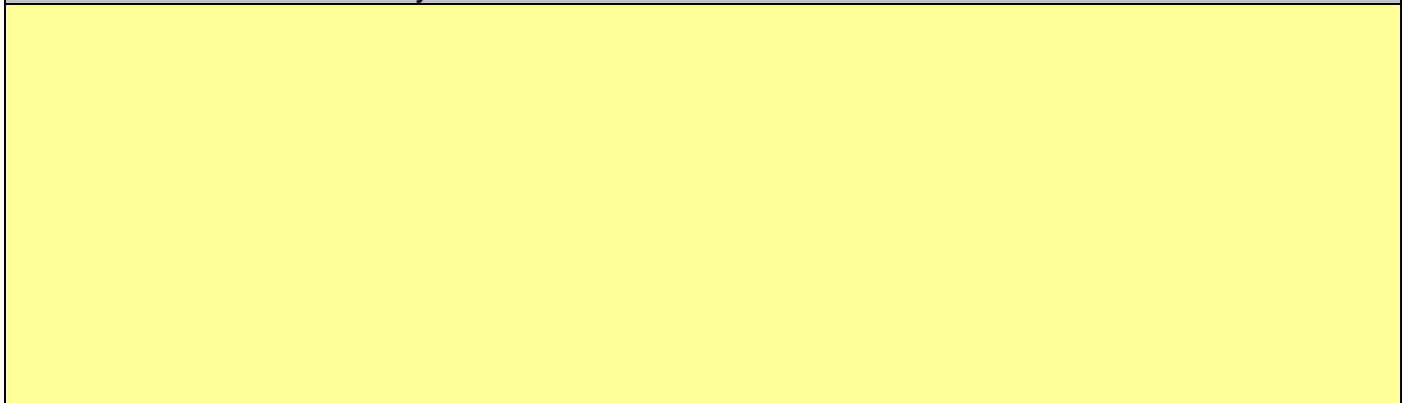
1. Use black ink to draw your invention by hand on this paper (Suggestion: draw it in pencil first and then trace over it with a black pen).
2. Draw your invention on a separate piece of paper and attach it to this page (Page 6).
3. Draw your invention on the computer and attach to this page (Page 6).

IMPORTANT! Label ALL the parts of your invention.

Write in the dimensions (length, width, height) of all the parts.

List all materials used in your invention. Include details like size, quantity, type, & brand.

NOTE: Tools used to make your invention are not materials.



Section 2: WRITING ABOUT YOUR INVENTION

Please write in complete sentences in the space allowed. This form will only allow a set number of characters (including spaces and punctuation) and will not expand.

Description of Invention: Provide a step-by-step explanation of how it works. Imagine that the person to whom you are describing your invention can't see, hear, or feel it. How would you explain it clearly? Be specific and use details!

Problem Statement: What was the problem, idea or need that led to your invention?

Why is your invention useful?

Who will benefit from your invention?

Section 3: PLANNING, DESIGNING & BUILDING

Planning and Designing Process: Write about how you planned and designed your invention *before* you started building it. What was the first, second, third and fourth thing you had to think about or do before you started building it?

Building/Construction Process: Write the step-by-step process you used to build/construct your invention. Be specific and use details! (Numbering and bullet points are an effective way to list this process.)

Example:

1. I gathered wire, glue, light bulbs, tape, scissors, plastic cups from home.
2. I anchored a 2 plastic cups to a piece of 1/4" plywood with a roofing nail.
3. I painted the plywood with clear polymer and black spray paint (to reduce glare).
4. (Continue explaining how you built/constructed your invention...)

Section 4: TESTING

Hands-On Testing With an Observer: Test your invention at least twice with an observer (mom, dad, teacher, friend, neighbor, etc.). Test under conditions as close as possible to how it would actually be used. For example, if your invention is supposed to float, test it in water. If possible, let your observer test it, too.

How many times did you test your invention? _____

What happened during testing? What worked well? What didn't work well and needs improvement?

Write the name of your Observer here: _____

What did your observer say about your invention? What did she/he think worked well? What did she/he think needs improvement?

NON-WORKING MODEL/PROTOTYPES ONLY

If your invention is a non-working model/prototype, describe to your observer why you are sure it would work without doing hands-on testing. Write here why you are sure it will work:

Section 5: RESEARCH

What research did you do to find out if similar inventions exist?

You must research these **three** sources:

- 1) The YIF Gazette at <http://www.successbeyond.org/cgi-bin/invfair.cgi>
- 2) A business contact (on the phone, via email or in person)
- 3) A source of your choice

Please fill out the following section for each of the **three** research sources named above.

Source 1: The YIF Gazette

Write the key words you searched here (search at least two words):

1) _____

2) _____

What is the most similar thing you found to your invention?

What did you learn by researching the YIF Gazette?

How is your invention unique/better/different than what you found by researching the YIF Gazette?

Source 2: Business Contact (on the phone, via email or in person)

Write the name of the business you contacted here: _____

How did you contact this business? (phone, email, in person) _____

What is the most similar thing you found to your invention?

What did you learn by researching this business?

How is your invention unique/better/different than what you found by researching this business?

Source 3: Your Choice

Write the name of the source you contacted here: _____

How did you contact/research this source? (phone, email, in person) _____

What is the most similar thing you found to your invention?

What did you learn by researching this source?

How is your invention unique/better/different than what you found by researching this source?

Section 6: EXPRESS YOURSELF

What did you like most about the inventing process?

If you made your invention again, what would you do differently?

How will you continue to use the invention process? How can you apply what you learned about inventing to your life?

Section 7: VERIFICATION AND PERMISSION

YES	NO	STUDENT INVENTOR #1
<input type="checkbox"/>	<input type="checkbox"/>	If selected, my child will attend the Young Inventors Fair on May 1, 2010 at the Best Buy Rotunda at Mall of America from 12:15-4:00 PM.
<input type="checkbox"/>	<input type="checkbox"/>	My child's first name (with last name initial only), picture, or video coverage (WITHOUT other identifying information) can be shared with students, schools, funders and other SBC/YIF supporters for the purpose of program promotion. This includes photos and videos posted on the YIF website.
<input type="checkbox"/>	<input type="checkbox"/>	My child's first name (with last name initial only) and YIF entry form (WITHOUT other identifying information) can be shared with students, schools, funders and other SBC/YIF supporters.
<input type="checkbox"/>	<input type="checkbox"/>	I agree to pay the Fair Attendance Fee (\$15 for Metro ECSU member districts/\$30 for non ECSU member districts) if I have submitted this entry as an individual or if my child's school or district is not responsible for payment. Scholarships are available at www.successbeyond.org/yif.htm

STUDENT: I verify that this is my original work and that assistance from my parents, teachers or other adults was minimal.	
Print your name here:	Date:
Sign your name here:	

PARENT/GUARDIAN: I verify that this is the original work of my child and that assistance from me was minimal. I have read and understand the directions on Page 2 and the fees on Pages 15-16.	
Print your name here:	Date:
Sign your name here:	

***If there are two student inventors, please have Student Inventor #2 (partner) and parents fill out the next page as well.**

PARTNER VERIFICATION AND PERMISSION

YES	NO	STUDENT INVENTOR #2 (PARTNER)
<input type="checkbox"/>	<input type="checkbox"/>	If selected, my child will attend the Young Inventors Fair on May 1, 2010 at the Best Buy Rotunda at Mall of America from 12:15-4:00 PM.
<input type="checkbox"/>	<input type="checkbox"/>	My child's first name (with last name initial only), picture, or video coverage (WITHOUT other identifying information) can be shared with students, schools, funders and other SBC/YIF supporters for the purpose of program promotion. This includes photos and videos posted on the YIF website.
<input type="checkbox"/>	<input type="checkbox"/>	My child's first name (with last name initial only) and YIF entry form (WITHOUT other identifying information) can be shared with students, schools, funders and other SBC/YIF supporters.
<input type="checkbox"/>	<input type="checkbox"/>	I agree to pay the Fair Attendance Fee (\$15 for Metro ECSU member districts/\$30 for non ECSU member districts) if I have submitted this entry as an individual or my child's school or district is not responsible for payment. Scholarships are available at www.successbeyond.org/yif.htm

STUDENT: I verify that this is my original work and that assistance from my parents, teachers or other adults was minimal.	
Print your name here:	Date:
Sign your name here:	

PARENT/GUARDIAN: I verify that this is the original work of my child and that assistance from me was minimal. I have read and understand the directions on Page 2 and the fees on Pages 15-16.	
Print your name here:	Date:
Sign your name here:	

PLEASE ENSURE THAT YOUR ENTRY IS COMPLETE! IT'S A GOOD IDEA TO DOUBLE-CHECK EACH SECTION.

INCOMPLETE ENTRIES MAY NOT BE ACCEPTED, NOR WILL NOTICE BE GIVEN TO TEACHERS, PARENTS OR STUDENTS REGARDING MISSING INFORMATION.

Section 8: PAYMENTS AND FEES

Fair Attendance Fee only applies if selected for the Young Inventors Fair on May 1, 2010.

If payment is not received with the entry form(s), an invoice will be sent to the adult (teacher or parent) who registered for YIF for both the Registration Fee(s) and Fair Attendance Fee(s) – if applicable. It is that listed person's responsibility to submit payment to YIF.

Volunteers evaluate entries on February 25 and/or 26, 2010; final selection is March 12, 2010. Notice of students selected to attend the Young Inventors Fair will be emailed to teachers (or parents, if an individual entry) the week of March 12-15, 2010.

Make all checks payable to Success Beyond the Classroom/YIF.

FEES FOR SCHOOLS AND DISTRICTS

We have changed the fee again this year to allow more schools/districts to send in entries. We have changed it to a per school REGISTRATION fee (rather than per entry). We are anticipating that this will be much more affordable for schools to be involved in the program. There will be two separate fees again; the **REGISTRATION FEE** and the **FAIR ATTENDANCE FEE** for the students that are selected to go on to the Young Inventors Fair on May 1, 2010.

Registration Fee:

ECSU member= **\$10 per school**

non ECSU member= **\$20 per school**

Fair Attendance Fee (for students selected to go to the fair; this will be billed to the school c/o the teacher/person who registers for YIF):

ECSU member= **\$15 per student**

non ECSU member= **\$30 per student**

Check Metro ECSU district membership status online at
<http://www.ecsu.k12.mn.us/membership/membersDir.html>

(Scholarships are available for the Fair Attendance Fee for students/schools/districts for which the fee would cause a hardship; please see our website at www.successbeyond.org/yif.htm for more information.)

The maximum number of entries is 75 per district. Depending on district size and participation, some districts may have to follow a guideline of a set number of entries per school to allow even participation. For example, a large district with 15 participating schools would have to limit each school to 5 entries. Another district with 5 participating schools could allow each school 15 entries. Conversely, if a district has only one school participating, that school may send up to 75 entries (this is common with charter and private schools). The goal is that the maximum of 75 entries is fairly spread across schools within a district.

FEES FOR INDIVIDUAL STUDENT SUBMISSIONS**

There are two separate fees to participate in YIF; the (1) **REGISTRATION FEE** and the (2) **FAIR ATTENDANCE FEE** for students that are selected by our evaluators to go on to the Young Inventors Fair on May 1, 2010. **Payments for individual students must be enclosed with entry submission.**

(1) Registration Fee for Individual Students:

If your child's school/district is a Metro ECSU member=**\$10 per entry**

If your child's school/district is NOT a Metro ECSU member= **\$20 per entry**

(2) Fair Attendance Fee (for students selected to go to the fair; this will be billed via invoice to the adult who fills out the individual YIF Registration Form.)

ECSU member= **\$15 per student**

non ECSU member= **\$30 per student**

Check Metro ECSU district membership status online at
<http://www.ecsu.k12.mn.us/membership/membersDir.html>

**Please see instructions regarding permission to submit an individual entry on Page 1.

Questions?
Contact Kelly Ascherman
kelly.ascherman@metroecsu.org or 612-638-1555