

## What is it?

- Competition for 6<sup>th</sup>-12<sup>th</sup> grade students (approximately 2,000 students)
- Individual or team competition (2 or 3 students)
- Students perform an 'experiment' and report on the findings
- MANY Different categories to enter. Senior Division Categories are marked with an (\*). Junior Division Categories are *italicized*.  
\**Animal Sciences*, \**Behavioral & Social Sciences*, \**Biochemistry, Biology*, \**Biomedical Health Sciences*, \**Biomedical Engineering*, \**Cellular & Molecular Biology*, \**Chemistry*, \**Computational Biology & Bioinformatics*, \**Earth & Environmental Sciences*, \**Embedded Systems*, \**Energy: Chemical*, \**Energy: Physical, Engineering*, \**Engineering Mechanics*, \**Environmental Engineering*, \**Materials Science*, \**Mathematics, Medicine & Health*, \**Microbiology, Physics*, \**Physics & Astronomy*, \**Plant Sciences, Renewable Energy*, \**Robotics & Intelligent Machines*, \**System Software, Technology & Robotics*, \**Translational Medical Science*.

## Who is eligible to enter?

- Anyone in tri-county area (Wayne, Oakland, Macomb)
- Public, private, charter & home school

## Awards

### **Junior Division (6<sup>th</sup>-8<sup>th</sup> Grades)**

- Grand Award (top 6 students and top team)
  - Medal, certificate
- 1<sup>st</sup>-3<sup>rd</sup> place (~ 20%)
  - certificate
- Blue (Outstanding) ~ 20%
- Green/Red (all other participants)

### **Senior Division (9<sup>th</sup>-12<sup>th</sup> Grades)**

- Grand Award (top 6 students and top team)
  - Medal, certificate
  - Entered into State Science Fair
  - May be sent to International SF
  - Scholarship winner (UDM, LTU, OU)
  - competes for Weizmann award
- 1<sup>st</sup> -2<sup>nd</sup> place (~ 10%)
  - certificate
  - Participates in State SF
- 3<sup>rd</sup> place (~ 10%)
  - certificate
- Certificates (all other participants)

### **In Addition - Professional Awards**

Competition for cash awards, trips, recognition, special events

## How to Enter

- 1) School must 'affiliate' – cost \$50 (\$25 if paid by 12/1 and done online)
- 2) Student develops a research plan (planned experiment)
- 3) If project involves any of the following, special rules/deadlines apply
  - Humans, vertebrate animals, tissues, pathogens, controlled substances, recombinant DNA, hazardous substances
- 4) Student enters on-line (cost \$5/person, \$15/team billed to school)
- 5) Student & teacher notified if project accepted for competition
- 6) Student completes experiment and prepares report and display
- 7) Set up project at Cobo Center
- 8) All senior division students and junior division team project students interviewed by judges
- 9) Results posted on internet and various publications with awards ceremony

## Grand Awd Winners (last 4 yrs)

All Saints Catholic (2015)  
Ann Arbor Trail Magnet School (2014,15, 16)  
Cass Tech High School (2014, 16, 17)  
Cranbrook Kingswood Upper (2015)  
Crestwood Senior High School (2015)  
Dearborn Ctr for Math, Science, & Tech.(2015)  
Detroit Country Day Upper School (2014-2017)  
Detroit International Academy (2015)  
Divine Child H.S. (2013)  
Douglass Academy for Young Men-MS (2017)  
Ellington Conservatory (2015-2017)  
Fisher Magnet Upper Academy (2016)  
Gompers Middle School (2014, 16, 17)  
Home School – Nandigala (2017)  
Huda School and Montessori (2014-2017)  
Indus Center for Acad. Excellence - MS (2016)  
Indus Center for Acad. Excellence - HS (2016)  
International Academy-East Campus (2014)  
Ivan Ludington Middle School (2014)  
MMSTC-Middle (2014,15)  
Noor International Academy (2016)  
Notre Dame Prep H.S. (2017)  
Novi Middle School (2014-2017)  
Novi Senior High School (2015)  
Orchard Lake Middle School (2017)  
Our Lady of Good Counsel Elementary (2014)  
Paul Robeson Malcom X Academy (2014, 2017)  
Plymouth High School (2014)  
Rochester Adams High School (2014)  
Skyline High School (2017)  
St. Patrick Elementary (2016, 17)  
Thurgood Marshall Elementary (2014)  
Troy Athens High School (2016, 17)  
Troy High School (2015-2017)  
University of Detroit Jesuit HS (2014, 16)  
Walled Lake Western High School (2014)  
Washtenaw International H.S. (2017)

## Key Dates for 2017-2018 Fair

11/18/17	“How to” workshop (Detroit Public Library)
12/1/17	School affiliation deadline (without penalty)
12/1/17	SRC deadline (projects in special categories)
2/9/18	Entry form deadline
3/13/18	Project setup at Cobo (Tue)
3/14/18	Judging at Cobo (Wed)
3/15-16/18	Public viewing at Cobo (Thur & Fri)
3/16/18	Project Removal (5-7 PM)
3/17/18	Project Removal (8-11 AM)
4/7/18	State Science Fair, Kettering
5/13-18/18	International Science Fair Pittsburgh, PA

## Our ‘Virtual’ Address

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# 61<sup>ST</sup> Science and Engineering Fair of Metropolitan Detroit, Inc. (SEFMD)

## Information for Parents, Students & Teachers



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