

CRC Ohio Invitational Science Fair Participation Benefits

CRC Invitational Science Fair is a first step

to enter many science fair competitions and to win awards / scholarships

By participating in local science fairs, children will get an opportunity to advance into many other science fair competitions including:

- <u>Intel® International Science and Engineering Fair®</u>
- <u>The Intel Science Talent Search (Intel STS)</u>
- <u>American Junior Academy of Science</u>
- <u>The Davidson Academy Davidson Fellowship Scholarship</u>
- <u>The Ohio Academy Of Science State</u>
- <u>The Ohio Academy Of Science District/Regional</u>
- The Ohio Junior Science And Humanities Symposium at Bowling Green University
- <u>The Ohio Academy of Science Annual Meeting</u>

2016 Event Sponsors:

North South Foundation (www.northsouth.org) Prince of Peace Lutheran Church (www.princeofpeacedublin.org)

Request for Sponsorship: Trophies and Food/Snacks (If you would like to sponsor, please contact Bhaskara at 614-446-1794)

Online Registration: http://www.crcfbt.org/Science_Fair.php

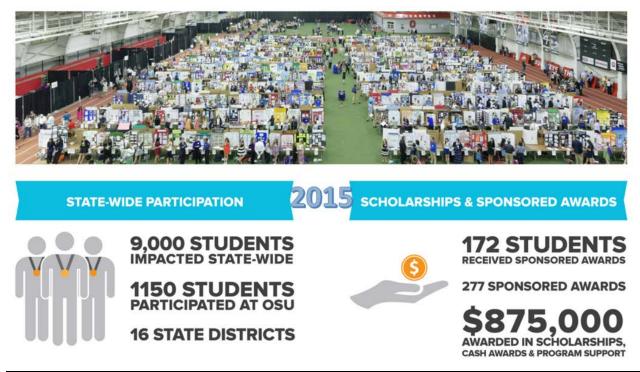
Please support: <u>CRC Adopt-A-School program</u> (http://crcfbt.org/Adopt_A_School.php)

First Steps to Start Your Research Project:

- 1. **Find a research topic.** Be observant all the time and ask questions of what you observe: what, what for, how, who, why, which, when, where, etc. Almost any question you ask can be a research topic. Scientists have made great discoveries from their observations and questions. Not all your questions can be studied at the moment. But you only need one question that you can answer by your own research. I recommend that you keep a secret journal of your observations and questions with their dates. Add your thoughts as you find answers to your questions, either through your own research or from research by others.
- 2. Search for references. When you have a question, you need to do a search of published researches that may have already answered your question or are related to your question. You may need references to the method you propose to use. Even if your question has been answered, you can still do your research if you use a different method, a homemade device, or if you have reasons to think that the question may have a different answer. The most reliable primary references are researches published in "Peer reviewed journals". Primary implies original research. Peer reviewed means that experts in the field reviewed the paper before its publication.
- Write a research plan that includes (a) Question (or Problem) being addressed, (b) Hypothesis (or Engineering goal), (c) Detailed description of method or procedure, including data analysis. (d) Bibliography of 5 or more primary references.
- 4. **Find an adult sponsor:** a teacher, parent, or other adult with knowledge on the research problem. The adult sponsor will use the Checklist for Adult Sponsor form to review with you your completed Student Checklist and research plan.

Community Recycling Campaign-"For a better tomorrow": Non-Profit Tax-ID: 27-368-5625 www.crcfbt.org / www.recyclingcampaign.org CRC Science Fair Coordinator, Bhaskara Rudraraju, crc.science.fair@gmail.com, 614-446-179

00 STATE SCIENCE DAY 2016 00



North Central District Science Day- 2015 Results

Results: Alphabetical Results: By School Special Awards State Science Day List

State Science Day Results: Alphabetical State Science Day Results: By School

State Science Day Special Awards MASEF 2015 Results

Resources

<u>Science Buddies</u> : a site devoted specifically to science fair projects with project ideas, science resources, and helpful hints about completing and presenting projects

<u>Mad Sci Network</u> :general science education site with answers to common science questions, science news, and science fair project ideas as well as a place for posting science questions

<u>The Naked Scientists</u> :weekly podcast of science news discussed in simple terms as well as a weekly "do-it-at-home" project demonstrating a scientific principle

<u>PBS</u>:links to science-related program sites which often include synopses of current topics and bibliographies

Science News For Kids news, articles, science fair ideas, activities, etc.

<u>Science.gov: FirstGov for Science</u>, <u>"Talk of the Nation, Science Friday"</u> links to science information from various US Government agencies, grouped by scientific topics

<u>Scientific American</u>: popular monthly science magazine; web page includes brief articles on current science news, previews of articles available in the magazine, an editors' blog on current science topics, and a weekly podcast discussion of current topics in science