

## DES 2019 SCIENCE FAIR INFORMATION

Dear Students,

The annual Science Fair is now the Innovators Research Expo! The Expo will be held on **Friday, March 22nd, 2019**. Participants will choose either a **science project** *or* an **engineering project**.

- **Science projects** must follow the **scientific method** and will be judged according to each step you take. Take a close look at the Science Research Project Evaluation Form (#1A) so you will not miss any critical steps like data, graphs, etc. Your experiment should propose a question and test a hypothesis – it is not a model or demonstration. A great resource is [www.sciencebuddies.org](http://www.sciencebuddies.org).
- **Engineering projects** must follow the **engineering design process**. The engineering design process is a series of steps to come up with a solution to a problem. Often this involves designing (and re-designing) a product to accomplish the task. Take a close look at the Engineering Project Evaluation Form (#1B) so you will not miss any critical steps. A great resource is: [www.eie.org/overview/engineering-design-process](http://www.eie.org/overview/engineering-design-process).



You should complete the project independently and be prepared to explain it to our judges. Parents may help you organize your information, but they should not do your experiment. This is your opportunity to be a scientist or engineer!

Participation is **optional** for all **third, fourth, and fifth graders**. All projects will be judged by volunteers. This year, separate from the awards for the top overall projects, we will award at least one outstanding engineering project per grade. You may work individually or in a team with *one* other student in the same grade. If you work as a team, **each student must return his/her own Safety Forms**.

Do not put student photos on the science project display. Students should write their first and last names on the back of their display boards.

**To Enter the DES Innovators Research Expo: Return the Safety Form (FORM#1A OR #1B) with your parent's signature to your science teacher.** Your science teacher will approve your project and you can get started. Projects involving animals, bacteria, or chemicals are not allowed. If you choose to work with humans – even if you are just taking a survey – you will need to fill out forms 2A and 2B.

**The DEADLINE for FORM #1A or #1B is Thursday, February 7th, 2019.**

### **Important Dates to Remember:**

**Thu, Feb 7:** Deadline to submit FORM #1A or #1B to science teacher for approval

**Thu, Mar 21:** Project Registration, 9:00-9:45 am

**Fri, Mar 22:** Judging per grade, *students will present and respond to interview type questions*, 9:30 am – 1:00 pm

*Winners will be named during afternoon announcements*

**Fri, Mar 22:** ***Open House for Family and Friends, 6:00 pm – 7:30 pm***

*\*\*All Students must have adult supervision in the media room.*

*No other areas in the building will be open for visitors*

**Mon, Mar 25:** **All remaining projects must be removed from the Media Center**

All forms, information, and additional resources will be available on the DES PTO website:  
<http://despto.org/programs-clubs/pto-programs/science-fair/>.

Sincerely,

Colleen Harris, Principal

Megan Kramer, Science Lead Teacher

Lorianne Moss, PTO Science Fair Committee Chair