



Dear Parents and Students,

The Annual Jenifer Elementary School Science Fair will be held from 3 PM to 4:30 PM on 12/12/2019. The Science Fair is open to all third, fourth, and fifth graders. Although science fair projects are optional, I encourage everyone to participate. Those who do participate will receive extra-credit in science for the second quarter.

The purpose of the Science Fair is to teach students to explore a specific scientific question, plan an experiment, gather **quantitative** information, analyze data, and draw a logical conclusion from the data that has been collected. Please note the categories on the reverse of this form. **Engineering** will be a category of our science fair this year. You must still address a problem and show data for your solution.

I **strongly discourage** any project that deals with any type of vertebrate animal (including humans). A special vertebrate form must be completed and approved by the Science Fair Committee before a project involving a vertebrate is allowed (only certain observational projects will be approved). No investigations on cultures of any kind (like mold) or illegal substances (including alcohol and tobacco) will be permitted. **Any project that has not been approved will NOT be judged in the Science Fair.**

I am looking forward to a GREAT Science Fair! Please encourage your child to participate. It is a wonderful experience! If your child is interested, please complete and return the entry form at the bottom of this letter. Once approved, your child will receive the Science Fair Packet. **The entry form MUST be returned to me no later than 10/10/2019 if your child is planning on participating.**

If you are having trouble coming up with an idea try one of the following resources.

- www.sciencebuddies.org
- <http://all-science-fair-projects.com>
- <http://school.discoveryeducation.com/sciencefaircentral>
- www.sciencebob.com

If you have any other questions or concerns, please contact me at AShanbarger@ccboe.com

Scientifically,
Mr. Andrew Shanbarger
Science Teacher (3-5), DJES

SCIENCE FAIR ENTRY FORM - DUE THURSDAY, 10/10/2019

Name _____ HRTeacher/Grade _____/____

Project Question (must be a question: like "how does ___ affect ___?")

By signing this, I will agree to support my child with his/her project and will abide by the science fair rules and regulations.

Parent Signature _____

Once approved, you will receive the Science Fair Packet (for "how-to" help!).

Approved by Mr. S
Yes No

Categories of Competition

Elementary

100 Chemistry	investigates the make-up, structure, properties, and reactions of matter
200 Earth and Planetary Sciences	investigates the planet Earth and our universe
300 Engineering	investigates how science and math principles can be combined to explore, design, and create devices and systems that work
400 Environmental Sciences	investigates interactions inside and outside of the environment
500 Life Sciences	investigates living things, such as plants, animals and human beings
600 Mathematical Sciences	investigates measurement, properties, and relationships of quantities and sets, using numbers
700 Physics	investigates matter and energy and interactions between the two