**Engage…Explore…Enjoy!!!**

**NEWCASTLE ELEMENTARY SCHOOL SCIENCE EXPO**

**Calling all young scientists!** It's time for the PTSA-sponsored Newcastle Elementary School science expo. All K-5 students are encouraged to participate by working on a science project at home and displaying it proudly at the fair. Projects will be due in mid-February and entries will be evaluated and displayed during a fun-filled, science themed Family Night on Friday, March 1st, from 6.30pm – 8.30pm.

**Register to participate.**

All young scientists wishing to display a project at the expo must register in advance through the Registration Form attached here or [**online**](http://newcastleelementary.oursciencefair.com/Register.aspx). The final registration deadline is Friday, January 18th at 3:40p.m.

**Projects should be student driven.**

Project ideas should come from the students, and the project should be driven by them. Parents should use their best judgment in deciding when to get involved, such as when there is a potential safety issue. For especially young kids, parents may provide some guidance, but it is important that the kids be able to call the project their own.

**Working with someone else.**

You may work on your project independently, or you may optionally work with partner/s (must be student/s at Newcastle Elementary).

**Need help choosing a topic?**

When it comes to choosing a topic, what have you wondered about? The best topics come from your own genuine curiosity about how something works, or why something is the way that it is. If you have trouble thinking of something on your own, the school library has books with examples of science projects or you can contact [**Jon**](mailto:Jon_Gass@hotmail.com?subject=Help%20with%20Scince%20Expo%20Topic) or [**Ram**](mailto:rvallabh2@gmail.com?subject=Help%20with%20Scince%20Expo%20Topic).

**Project restrictions.**

Projects may not include living organisms, including plants; taxidermy specimens; preserved animals or animal parts; body fluids; hazardous substances; harmful chemicals; weapons; flames or highly flammable materials. Displays also cannot include sharp or breakable items or dry ice.

**Judging and awards.**

Our science expo is non-competitive, as our goal is simply to encourage scientific exploration and discovery and promote a deep lifelong passion for science. Each participant will have an opportunity to briefly present their project, and they will each receive a certificate.

**Volunteers needed!**

A big event like the science expo wouldn't be possible without the help of numerous volunteers. If you think you can spare an hour or two on the day of the fair or before, we would love your help. Please contact Jon at [**Jon\_Gass@hotmail.com**](mailto:Jon_Gass@hotmail.com) or Ram at [**rvallabh2@gmail.com**](mailto:rvallabh2@gmail.com) and sign up [**here**](http://signup.com/go/iajxCDD) now!

**Financial Assistance Available to Those Who Qualify**

Please contact your teacher if you need financial assistance to participate in the science fair.

**NEWCASTLE ELEMENTARY SCIENCE EXPO – 2019**

**REGISTRATION FORM**

Calling all young scientists! If you would like to display a project at the fair, register early in order to reserve your space. You can register even if you have not chosen your project topic yet. Later, this form may be submitted again to update our records with new information. **Final registration must be received in the PTSA office by Friday, January 18th at 3:40p.m.**

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**PARTICIPANT(S):** You may work on your project independently, or you may optionally work with partner/s (must be student/s at Newcastle Elementary).

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| --- | --- | --- | --- |
| **FIRST NAME** | **LAST NAME** | **GRADE** | **TEACHER** |
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**PROJECT TITLE:**

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If you are undecided, leave this blank for now and submit the form anyway. Then submit the form again later when you know your project title.

**DISPLAY NEEDS:**

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All scientists must use a standard size tri-fold (36” x 48”) for their project displays. Each project will be provided with 3' x 1' of table space for display. If you have other specific requirements (such as an electrical outlet), please list them here.

**PROJECT CATEGORY:**

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In which of these categories does your project fit best? Aerodynamics, astronomy, behavioral and social sciences, biochemistry, biology, biotechnology, cellular and molecular biology, chemistry, civil engineering, computer science, cooking and food science, Earth and planetary science, electricity and electronics, energy and power, environmental sciences, fluid dynamics, genetics and genomics, geology, health sciences, materials science, mathematics, mechanical engineering, medicine, microbiology, ocean sciences, photography and video, physics, plant sciences, sound and music, sports science, weather and atmosphere, Robotics, other

**Parents - by filling in the boxes below, you agree that:**

* Your young scientist(s) have your permission to participate in the science expo.
* You will ensure that appropriate safety precautions are taken when performing experiments at home or elsewhere, and that no experiment causes harm to any person or animal. Newcastle Elementary and PTSA may not be held responsible for any loss or damages.
* Please see science project restrictions.

**PARENT NAME(S)**

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**PARENT SIGNATURE(S)**

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**PARENT E-MAIL(S)**

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