



Dear Potential Sponsor:

The Science Club's volunteers are gearing up for the second annual Science Expo, scheduled for January 26, 2013 at the Knox County STEM (Science, Technology, Engineering and Math) Academy in Downtown Knoxville. This year we want reach out to even more children and make this event bigger and better, and to do that, we need the support of local businesses like yours.

The Science Club was started in January 2006 with the support of the local Oak Ridge/Knoxville section of the American Nuclear Society (ANS) and the Oak Ridge chapter of Women in Nuclear (WIN). The Science Club is an outreach effort in East Tennessee for children K-5, and is a collaboration of local STEM professionals who volunteer their time to encourage children to explore science in the world around them. The Science Club hosts Science Nights at local elementary schools in our community to help children develop a passion for science while having fun. Last year we expanded our activities by hosting the First Annual Science Expo. This inaugural Science Expo was held last February and 125 children from kindergarten to 5th grade participated in five hands-on science experiments and also enjoyed lunch with their parents. We were pleased to offer this event *at no cost to the participants*, thanks solely to the generosity of our sponsors.

The second annual Science Expo is shaping up to be another great event! Our goal is to expand on last year's success and accommodate up to 200 children. This workshop will provide a day of fun and science for children from across East Tennessee. Five hands-on science related sessions will be offered, and a snack will be provided. Children will use detectors to hunt down hidden source material, build simple circuits, and watch robots in action. The children will also be able to take home several of the items they build. Local professionals in STEM fields and engineering students from the University of Tennessee will be on hand to provide assistance with the experiments.

To make this event a success, the Science Club is reaching out to local businesses for financial and in-kind support. For example, the Y-12 National Security Complex provided the radiation detectors used last year. We will express our gratitude for your generous donation by including your company information and logo on our website and on posters and materials for our event. Last year we enjoyed press attention from a local TV station and the Knoxville News-Sentinel, and we will invite them back again this year.

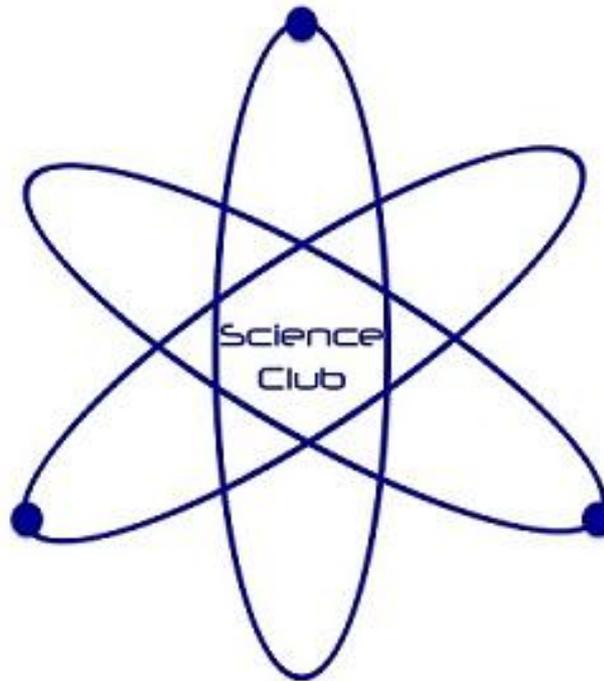
Please join us in supporting the next generation of scientists and engineers!

Sincerely,

Julie G. Ezold and Bre Sweet-Kerschbaum

(865) 574-9594

Science Expo Overview



2012 Science Expo

- 125 children kindergarten through fifth grade participated in 5 hands on science experiments
- This fun day included lunch with their parents
- 100% funded by our generous sponsors

Nuclear Security

- Using Detectors to find hidden source material



Simple Circuits

- How does electricity work and how is it used in radiation detector?



Electromagnetism

- How can electricity be used to make a magnet?
Can we see the flow of electricity?



Cloud Chambers

- Watch the decay of atoms with your own eyes!



Robotics

- Using robots to do the dirty work



2013 Bigger and Better

- We want to offer this great activity to 200 children in East Tennessee
- We are expanding on our current experiments to make this an even more fun filled experience

Robotics

- We would like to include a “build your own 6 in 1 robot” for the robotics section of the program that the children can take home with them!
- Cost for sponsorship including your logo on the robots and a poster featuring your company would be \$5000



Sponsorships

- Platinum- \$5,000
 - Gold- \$1,500
 - Silver - \$1,000
 - Bronze- \$500
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- All donations are greatly appreciated and all sponsors large or small will be recognized.

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