



TAG Education Committee

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Thank you for your inquiry concerning our educational outreach program “**Adventures in Chemistry and Physics**”. Below is a brief summary and requirements for this program:

The Rochester Technician Affiliate Group of the American Chemical Society and Eastman Kodak Company sponsor this award-winning educational outreach program. The goal of the program is to encourage students to be curious about science, entertain new ideas, and try experimenting. The program stresses the importance of reading, writing, and mathematics in the study of science. Safety issues are strongly emphasized. The program can be adapted to appeal to any age group, and the presentation can be designed to cover specific topics in chemistry and physics. In addition, several workshops are conducted each year to help educators with presenting scientific concepts in novel ways.

We currently offer demonstration programs that are purely entertaining or the program can be designed to meet current curriculum needs. Musical programs (demonstrations choreographed to music) are also offered. Musical demonstrations require extensive preparation and clean up time. Hands-on experiments can be arranged for groups of up to 20 people. All demonstrations are age appropriate. Please allow a minimum of one hour for demonstration time. Longer demonstrations can be accommodated depending on your needs. Merit badge programs are available and can be arranged through Deb Janes. Workshops are offered for educators. These can take many forms from how to set up and perform your own demonstrations to learning novel ways to present scientific concepts. Workshops are available for groups of up to thirty-five people.

Minimal demonstration requirements are two eight-foot tables, access to an electrical outlet, and a sink (e.g., janitorial sink) for equipment clean up. A janitorial cart should be available if direct access to the performance room is not available. Please allow a minimum of one hour for set up prior to the demonstration and an additional hour for clean up at the end of the demonstration. Time for hands-on activities can vary depending on your needs. Demonstrations are offered for single classrooms, multiple classrooms, or auditorium presentations. Multiple demonstrations require a minimum of 15 minutes between each demonstration (sink access needed between demonstrations).

Each year, several thousand people participate in this exciting chemistry and physics program. The show has been performed at the Rochester Museum and Science Center's, *Science Saturdays*; Eastman Kodak Company's, *Take Our Daughters and Sons to Work Day*; National Engineering Week; STANY-CWS Science Congress; Science Educator's Conference; Rochester City School

District's, *Career Development Day*; National Chemistry Week and Science Technology Week at the Rochester Museum and Science Center; as well as elementary, middle, and high schools; home-schooled groups; boy and girl scout troops; colleges; and day-care facilities.

We are currently funded by Eastman Kodak Company and The Rochester Section of the American Chemical Society's Local Technician Affiliate Group, so there is no cost for a program. However, if you wish to make a donation that will enable us to continue with this educational outreach, contributions may be sent to the treasurer of the Rochester section of the American Chemical Society; Ed McLean at Eastman Kodak Company, 6th floor, Building 57, Kodak Park, Rochester, NY 14652-5685. Please mark any contributions for educational outreach. In order to maintain our sponsorship and justify our time away from work, we graciously request that a note be sent to our sponsors after a demonstration, letting them know how you feel about our program.

To inquire about availability or additional information please feel free to contact either

Deb Janes (via phone: 585-722-3227 or email: deborah.janes@kodak.com)

or

Tim Wilson (via phone: 585-588-2593 or email: timothy.e.wilson@kodak.com)

Again, thank you for your inquiry.

Adventures
In
Chemistry
And
Physics



Science/Physics Demonstrations

Hands-On Experiments

Workshops