



Garry Krinsky: *Toying with Science*

Residency Activities

Please note that residency fees may vary.

Workshops

Offered in conjunction with performances of *Toying With Science*, each workshop provides a unique learning and interactive experience for the participants. Garry Krinsky's non-competitive approach puts everyone at ease and helps to build self-esteem. Garry encourages participants to utilize their imaginations.

Toying With Science

- Audience: 1st Grade – Adult (each class comprised of students within a limited age range)
- Number of Participants: 15 – 25 students (30 students maximum)
- Length: 50 – 60 minutes
- Requirements:

Students should dress comfortably in clothes that do not inhibit movement.

The space should have at least 10 feet of ceiling clearance.

An indoor space, large enough to allow the entire group to move around.

This workshop allows students to embark on a hands-on exploration of several scientific principles, including: center of gravity, air-resistance, and motion. Students will first learn a series of progressive exercises, developed by Garry Krinsky to teach them how to balance and manipulate peacock feathers. Students learn to juggle at their own pace by using scarves, which trap air and slow down the pull of gravity. Individual attention ensures that each student gets the chance to learn juggling patterns and master the motions. Through these exercises, the students will learn about science while having a great deal of fun. Students will investigate human motion by learning some basic fundamentals of mime. Using mime technique, students will then explore the six different kinds of simple machines.

Notes:

- Preferably, workshops should follow a performance of *Toying With Science*, so that students can apply and build on what they've learned from this presentation. If this is not possible, the workshops are still quite valuable, and the concluding performance of *Toying With Science* acts to reinforce what the workshop participants learned.
- Residency programs can also be designed to have students conduct a short presentation at its conclusion, although the focus is more on the process of exploration than creating a finished product.

Teacher Workshop

- Number of Participants: 10-25 (30 maximum)
- Length: 90 minutes (minimum)
- Requirements:

Participants should dress comfortably in clothes that do not inhibit movement.

The space should have at least 10 feet of ceiling clearance.

An indoor space, large enough to allow the entire group to move around.

Teacher workshops are interactive and explore how students can learn about scientific principles by using some of the exercises in the above workshops.

