

### **CAREERS IN SCIENCE**



What does it take to be a scientist? What does a scientist do? Find the answers to these questions and more as the DHDC staff explore careers in science. This Science Live! show is great for career days and for all ages. Delve into the world of engineering, physics, chemistry, and more and find out what it takes to make a career in science!

On-campus show requirements:

2 tables (minimum 4 ft. long each)

Access to water before performance.

Access to electricity during performance.

### **CHEMICAL REACTIONS**

Explore the how, why, and WOW! of chemical reactions in this amazing program. Students will dive into chemistry like never before when they watch our chemical concoctions create some astonishing results!

On-campus show requirements:

- 2 tables (minimum 4 ft. long each)
- Access to water before performance.
- Access to electricity during performance.
- Access to a sink after performance.



### **CRITTERS LIVE!**

Meet the DHDC's smallest residents in this interactive program. Students will have the opportunity to get up-close with the DHDC critters which could include snakes; lizards; tarantulas!! Concepts explored in Critters Live! include life cycles; habitats; differences within species; and learned vs. inherited traits.

On-campus show requirements:

- 2 tables (minimum 4 ft. long each)
- The location of the show must be within 45 minutes of the Discovery Center.
- Limited to audience of 100
- Limited to one show per day



## KABOOM!



Oxygen, fuel, and an ignition source. That's all you need for this spine-tingling Science Live! KABOOM! explores the science of combustion and fire with demonstrations that will leave your students cheering for more.

On-campus show requirements:

- 1 table (minimum 4 ft. long)
- Requires a large room with a high ceiling, such as a gym or cafeteria.
- Cannot be performed outdoors.
- Cannot be done on carpeted flooring

## SCIENCE BELOW ZERO

Science Below Zero examines some of the chilliest science on the planet. Students will discover the physical changes which occur when solids, liquids, and gases are exposed to the extreme cold of liquid nitrogen. Audiences will be amazed as we use liquid nitrogen to power the DHDC and will end with a BANG!

On-campus show requirements:

- 1 table (minimum 4 ft. long)
- Access to water before performance.
- Requires a large room with a ceiling at least 8 ft. high.
- Cannot be performed outdoors when temperatures are above 90 degrees.



## THE SCIENCE OF MAGIC

Magician's secrets revealed! For years magicians have relied on scientific principles for their most amazing illusions. Students will witness tricks to uncover the science behind the magic.

On-campus show requirements:

- 2 tables (minimum 4 ft. long each)
- Access to water before performance.
- Access to electricity during performance.



## SCIENCEPALOOZA



Sciencepalooza features the zaniest experiments in Science Live! collection and explores a variety of science concepts. This mixed bag of exciting demos creates a real-life science party!

On-campus show requirements:

- 2 tables (minimum 4 ft. long each)
- Access to water before performance.
- Access to electricity during performance.

## PORTABLE PLANETARIUM

StarLab brings the DHDC Space Theater to your campus! This fully enclosed portable planetarium projects a full-dome, current view of the Panhandle night sky. Similar to the Astronomy Live! Space Theater program, students in the Starlab will examine major stars and constellations and discover the mythologies surrounding their origin.

- On-campus show requirements:
  - Requires a large room with a high ceiling, such as a gym or cafeteria
  - Access to electricity during performance
  - StarLab can fit a maximum of 30 students per presentation. Multiple presentations may be reserved for larger groups.

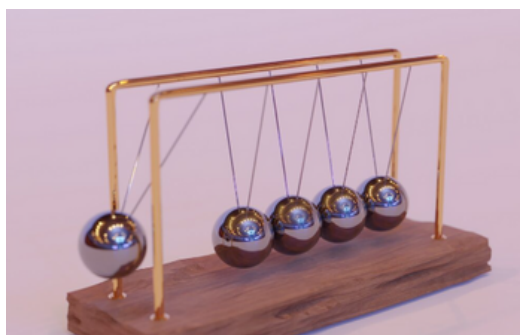


## UNSEEN FORCES: PHYSICS AT WORK

Have ever seen gravity? Friction? What about inertia? . Probably not, but good news! This demo helps audiences visualize these forces and brings physics to life!

On-campus show requirements:

- 2 tables (minimum 4 ft. long each)
- Access to water before performance.
- Access to electricity during performance.
- Access to a sink after performance.



## WEATHER WONDERS



The atmospheric elements that combine to create weather work are largely unseen. Weather Wonders uncovers these elements through dynamic demonstrations which examine the conditions necessary to create clouds, precipitation, lightning, thunder, tornadoes, and other weather phenomena.

On-campus show requirements:

- 2 tables (minimum 4 ft. long each)
- Access to water before performance.
- Access to electricity during performance.
- Access to a sink after performance.