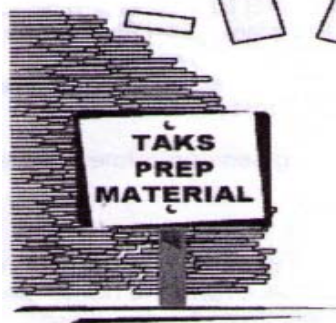


Is your school having a

# TAKS ATTACK?



Don't worry!

Mad Science TAKS Pak,  
a group of exciting workshops tailored  
to the four TAKS objectives, can help  
students (and teachers) tackle the  
TAKS Science Test



Need some more information?

Here are some frequently asked questions:

I get the idea, but how does the TAKS Pak work?

The TAKS Pak is a series of one-hour workshops that uses fun science to teach fourth and fifth graders the four TAKS objectives tested for in the fifth grade. In each workshop, Mad Science experiments and demonstrations are used to help students grasp the "Knowledge and Skills Statements" outlined by the Texas Education Agency (TEA). Workshops are taught in school and students make a "take-home" so that they can bring a piece of their experience home with them.

Does the TAKS Pak replace classroom instruction?

No! We can help teachers by bringing fun science to the students, but nothing can substitute for ongoing learning in a classroom. The TAKS Pak is designed to supplement classroom instruction by emphasizing the specific skills and concepts outlined by the TEA. We provide a Pre and Post package to extend the educational value before and after the class.

Why should we use the TAKS Pak in our school?

Anyone who has spent more than five minutes with fourth and fifth graders knows their attention spans. Programs that use different methods of teaching get through to students; we use visual, tactile, and auditory teaching methods in our workshops. With the TAKS Pak, students experience the TEA objectives, not just hear about them.

What if we can't spare the time?

We will work with your needs! Ideally, the sessions should be conducted during class time so that all students have the opportunity to be involved. However, we can conduct Saturday sessions, schedule in individual objective workshops, or customize other programs. Just ask!

Still need more information? Want to book a Pak?

If you would like to schedule a TAKS Pak, or if you have any questions, please call 832-0118. You may also email inquiries to: [madscience.elpaso@sbcglobal.net](mailto:madscience.elpaso@sbcglobal.net)

Don't have a TAKS attack!

Book your TAKS Pak Today! 832-0118

We also do birthday parties, summer camps, after school programs, assemblies, and more!

Check us out on the web at: [www.madscience.org/elpaso](http://www.madscience.org/elpaso)



PROUD MEMBERS OF:

**AAAS** American Association  
for the Advancement of Science

**NSTA** National Science  
Teachers Association

## TAKS Pak Program Descriptions

Mad Science of El Paso currently offers two Pak Programs: a Five-Week and a Ten-Week Program.

### Five-Week Program

**Acids & Bases** Uncover the secrets of chemistry and the effects acids and bases have on our daily lives. Make your own CO<sub>2</sub> fire extinguisher, and pop a film canister using an acid/base reaction! *TAKS Objective 3*

**Detective Science** Discover how science is used to solve real crimes! Watch as the classroom is transformed into a crime lab. *TAKS Objective 1*

**Energy Burst!** Explore the energy of motion (potential versus kinetic energy), and how energy can be conserved. Build a rubber band-powered rattlesnake egg to help learn all about energy — and scare your friends. *TAKS Objective 3*

**Matter of Fact** Investigate the ingredients of the universe! Build your own marshmallow molecules! Play Alchemist by turning a nickel into gold (well, almost)...and use our secret formula to make your own Mad Science Slime! *TAKS Objective 3*

**Mineral Mania** Uncover the geological formation processes, classification systems, identification methods, and physical properties of rocks and minerals. *TAKS Objective 4*

### Ten-Week Program

In addition to the classes offered in our Five-Week Program, the Ten-Week Program offers more in-depth coverage of the TAKS topics.

**All About Animals** Explore the animal kingdom and learn about the habitats, anatomy and life cycles of your favorite creatures. Make your own animal track to take home, experiment with camouflage and explore the amazing — and sometimes strange — sounds that animals make. *TAKS Objective 2*

**Dry Ice** Explore the 3 states of matter. Turn water to ice in 30 seconds, build a giant bubbling potion, carbonate plain drinking water and create the same awesome smoke illusions used in the movies. *TAKS Objective 1*

**Earthworks** Take a voyage to the center of the Earth! We'll investigate the powerful processes that shape the planet and form remarkable rocks, magnificent minerals, and glittering gems! *TAKS Objective 4*

**Electricity** Discover the fundamental concepts of electricity: circuits and the basics of electricity, static charge, and atomic structure. *TAKS Objective 3*

**Life In The Sea** What is life like under the ocean's surface? What kind of animals and plants are found in the sea? Examine and investigate starfish, sea urchins and shells. Learn about buoyancy and adaptation. *TAKS Objective 2*

# 832-0118

## ASK ABOUT OUR SPECTACULAR ASSEMBLY TO RALLY STUDENTS FOR TAKS