

## About Science Matters in America

Established in 1999, Science Matters in America LLC, has entertained and educated more than 10,000 elementary age students this past year.

Our hands-on approach makes science fun and engaging. Initially, we offered after-school programs. The science clubs cover different themes such as chemistry, physics, electricity and many more. We have expanded to provide science assemblies, classroom visits, and birthday parties too.

Based in Littleton, Colorado, we continue to strive to make

“Science and Fun One!”



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*Science Matters in America, LLC*



### *Science Matters in America Elementary Science Enrichment Program*

*Every year, more than 85 schools and 6,500 students participate in our after-school science clubs. Our after-school programs have a different theme such as chemistry, physics, biology and many more. The hands-on activities make learning science fun & interesting. We offer—*

- *Science assemblies*
- *Class demonstrations*
- *After-school science clubs*
- *Science themed birthday parties.*
- *Summer Camps*

*Here's what some of our parents and students said—*

*Parent — “My son scored in the top 3% in science on the ITBS test last year. I give your program the credit for his outstanding performance—Thank you.”*

*Student— “I liked how we got to make stuff and we got to learn what life was like back then. I think the program was so great there's no way to improve it.”*

*Our programs are:*

- *Customized & Flexible*
- *Energetic & Fun*
- *Hands-on*

**Science Matters in America** — *Dedicated to engaging kids in the wonderful world of science.*



# Science Matters in America — Our Mission

**Our** goal is to promote and generate an interest in science by providing enrichment through hands-on experiments and projects at the elementary school level. In doing so, we hope to encourage children to have a life long respect and love for science that will enhance their lives, and possibly be a catalyst for career choices in the future.

We offer a variety of enrichment activities for families, educators, and the communities in which we operate.



## Hands-on Science Science Illusions

**Main Idea:** Science is never magic, but many times, magic is science. There are hundreds of illusions that can trick and fool our eyes and brains, and every one of them has a scientific explanation. Our eyes are amazing devices (organs actually) that convert visible light into electro-chemical impulses that travel along the optic nerve to the brain. The brain takes the information (light) from each eye and creates a “picture” that we see as the moving world around us. The brain does this with amazing accuracy and speed, yet, sometimes, we can fool the brain by forcing it to produce images and/or “see” something in a weird way that is or is not there. Visit our table and trick your eyes or is it you brain?

### The Sound of Science

**Main Idea:** Sound is created by objects that vibrate air. A continuous vibration is known as resonance. Sound travels as a longitudinal wave and MUST travel through matter. Sound waves, unlike light waves cannot travel through a vacuum (of outer space). The length of the column of vibrating air determines the pitch of the sound heard. Enjoy making music with a variety of things you didn’t know could sound so beautiful.

### Science Surprises

Is it possible to fit 6 nails on top of one?  
Can you really blow up a 7 foot balloon with



one breath? Come and find out!

### Demonstrations Available

**Classroom**— A one-time visit to your home or classroom. Enhance any science curriculum with classroom demonstrations. Each customized session is tailored to supplement your curriculum. Your children will love it

**Science Assemblies**— Engage the whole school by having a science assembly. Great for kicking off science fairs and doing something different.

**Other Community Groups**— Our hands-on science programs are just what’s needed

