



SPECTACULAR STAGE SHOWS

FIRE AND ICE!

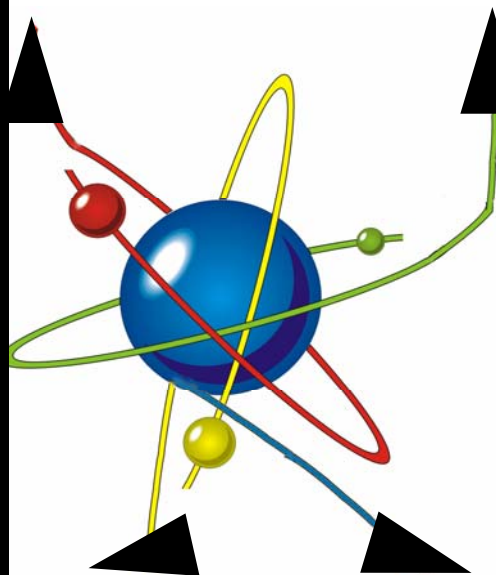
This show is comprised of two major parts. The first part deals with fire and the properties of combustion! We contrast the properties of combustion with regular paper and with specially treated MAD SCIENCE paper. We demonstrate fire's use of oxygen to pull an egg into a flask and pressure to push it back out! The ice half of the show uses Dry Ice to illustrate the different states of matter. We cover concepts such as solid, liquid, gas, melting, evaporation, and sublimation. Using the dry ice we make ordinary silverware squeak, we simulate the making of soda, demonstrate the CO₂ bubble bath and shower and reveal the secret behind some of Hollywood's special effects!

SPIN, POP, BOOM!

This show is a combination of some very visual scientific effects. We perform experiments that demonstrate Centripetal and Centrifugal force. Glass flasks are dropped from a height and then saved by the principle of angular momentum. We demonstrate chemical reactions that yield a polystyrene hand and make an eruption of bubbles. We use heat and pressure to create a rainbow effect in a series of flasks! We discuss resonance and use fire to produce some sounds in our version of the Australian Didgeredoo.

UP, UP AND AWAY!

The overriding theme for this show is Air Pressure. We demonstrate the force of the "ocean of air" that surrounds us at all times. We crush a soda bottle by removing the air from within it using a vacuum pump. We illustrate the force of air as it affects plungers. We challenge children to separate the Magdesburg Spheres. Smoke rings fly over the audience demonstrating how our lungs work with our Vortex Generator. Bernoulli's Principle is explained as the force that allows birds and planes to fly and then a stream of paper is launched into the audience illustrating that principle! We then discuss the power of distributing weight and end the show with some rides on Mad Science's own Hover Craft!



YOUNG WIZARDS!

This show deals with the science of magic—and the magic of science! We explore magic and science throughout history, including common themes and implements used by wizards of old and scientists of the present. In this scientific exploration of the mystic, we make references to familiar fantasy tales and characters and exemplify these elusive concepts through performing exciting demonstrations (including potion making, basic pyrotechnics and mysterious reactions!). In the conclusion of the show, a new master witch or wizard is revealed! This is the perfect show for Harry Potter Fans!



Also ask about our special **Pre-School Wind and Bubble** show, our health conscious **Be Tobacco Free Show and workshop**, and our various seasonal

We can also provide programs for schools such as in-class "field trip" workshops, after school science clubs, and Family Science Nights. In addition, we offer birthday parties and fun programs for company parties, camps, libraries, scouts and more!

Our shows can be adapted to suit your unique event and purpose! Call for details!

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