



STEM Discovery Day 2019-2020

We are pleased to bring a full day of Mad Science to you this year, with new programs that are out of this world! The event is for a day of activities addressing some of the cross-cutting STEM concepts. We include an hour of high energy assembly for all your students. We can even present two times during the day so you can divide your student population.

Destination: Moon- 3...2...1...Blast Off! Launch into high flying adventure this year with Mad Science's own "Destination: Moon". Our show ignites imagination, fun, and learning as we experience astronaut training, space vacuums, and even attempt to land a special rocket on our own moon model!

Then we return in the evening with a special show for the whole family-

Fantasy of Flight- Before there was space flight, there was flight- but how? This show takes us through the four principles of flight while showing how pressure and gravity actually help us get off the ground!

Select programs are offered for class sized groups (about 25-30) to get involved in hands-on science workshops. The following are samples of classes we suggest:

Kinder- 2nd grade

Magnificent Magnets

This topic provides an opportunity for students to explore the properties of magnets through a series of hands on activities. They learn about attractive and repulsive magnetic forces, discover what are magnetic poles, and that there are invisible fields around magnets. They also learn why some objects are magnetic and some are not.

3rd- 5th grade

Moving Motion

Moving Motion introduces children to Sir Isaac Newton's three laws of motion. These interactive experiments help children learn that objects tend to stay in motion or remain at rest unless met by an unbalanced force. They investigate that objects with more mass require more force to move. They learn that for every action force there is an equal and opposite reaction force through a variety of volunteer-powered demonstrations.

(Both of these programs are easily adaptable for your special needs classes)

Additional Information:

Equipment and Materials: Our instructors arrive in Mad Science lab coats at least 1 hour before the event to set-up the booths and tables.

Instructors: We recruit staff with a college or graduate degree in education or/and science or students working towards these degrees. Our instructors have experience in classrooms or with groups of elementary-aged children. They have clean criminal background checks and undergo our training process.

Cost:

Assembly	\$385
Hands -on workshops (4 minimum at \$185*)	\$740
Travel mileage	<i>(as applicable)</i>
Total	\$1125- (based on 4 workshops)
2 nd assembly during the day	\$350
Additional evening assembly for parent involvement	\$350

(Please note: workshop price is normally \$199 per session, but reduced to \$185 when four or more workshops are booked)

Contact us:

Mad Science (OKC)- (405) 285-9643

Mad Science (Tulsa) (918) 312-2436

Derick Brock (405) 285-9643