Let Mad Science bring your STEM Family program this year! Our programs raise the understanding of science among our students through innovative and interactive science activities and encourage parental involvement in science education—all in one family night!

This 2-hour event is full of fun and engaging activities that address some of the cross-cutting concepts outlined in the Oklahoma Academic Standards for Science. From the beginning of our high energy stage program, Mad Science focuses on hands-on, interactive learning and with opportunities for your volunteers to get involved! In the first hour, we present our newest stage show:

**Destination: Moon**
Launch into high flying adventure this year with Mad Science and **Destination: Moon**. This show ignites fun, imagination, and learning as your young astronauts experience the wonders of outer space. Together we discover the challenges of living and working in space and how to get ready for our lunar mission. We learn about pressure, gravity, and launching rockets. Then we work hard to actually arrive at our Destination: Moon.

In the second hour, your student participants are invited to roam freely throughout the atmosphere of our STEM lab, where they participate in hands-on science activities at our lunar STEM Family Night activity booths. Examples of the topics:

**Energy and Motion**—Energy can be used, converted, stored, even wasted. Together we explore how Sir Isaac Newton's laws of energy help us today and we work with it to explore space. Is it potential, is it kinetic, what do those things even mean? Our models and toys help us discover and work with the energy all around us.

**Electricity**—It takes skill to lay out the advanced electrical circuitry that runs the rocket, and we have the kits to learn on. Whether you want to run an entire system or just turn on a light, this is the station for you to experience the fun of electrical circuits.

**Space Technology**—What have we learned as we explore space? What have we invented to help us? From lights to lasers and computers, this booth is the one to visit to see the technology of space.

**ISS**—Can we really build the International Space Station under the harsh conditions of outer space? We bring models into the lab to simulate the atmosphere, or lack of it, that our young astronauts may encounter. Are you better at mission control? Can you follow directions and put together our miniature space station? Stop by the ISS booth and see what the Space Station actually looks like with our models.

(Additional Information on the back)
2019-2020 STEM Family Night

**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. All have clean criminal background checks and undergo our training process.

**Cost:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assembly</td>
<td>$385</td>
</tr>
<tr>
<td>Booths: 4</td>
<td>$185 x 4</td>
</tr>
<tr>
<td>Mileage</td>
<td>as required</td>
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<tr>
<td><strong>Total:</strong></td>
<td><strong>$1,125</strong></td>
</tr>
</tbody>
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*Note: Normal price for a booth or workshop is $199. When four or more workshops or booths are booked for a program, your cost is $185 per booth. Number of booths depends on the size of student participation. Also add mileage cost at .55 cents/mile

**Contact us:**

Mad Science (OKC) - (405) 285-9643
Mad Science (Tulsa) - (918) 312-2436
Derick Brock (405) 285-9643

New this year! Ask about adding a cool photo booth to your STEM night for just $75