

## Sci-Fi: The Science of Film

# Host a Family Science Night at your school & access science in a whole new way!

#### Family Night Programs:

- Encourage cooperative learning among students, parents, and teachers
- All activities are aligned with Florida Sunshine State Standards set in each subject area
- Introduce scientific processes, concepts, and themes with fun, hands-on approach
- Develop communication and problem-solving skills
- Present experiments and demonstrations that supplement formal school science curriculum
- Provide activity ideas that can be repeated at home for further discovery
- Reinforce the idea that everyone can be a scientist

#### Family Science Night includes:

- 15 hands-on stations complete with instruction cards
- A variety of science topics integrated into our favorite films, including: electricity, sound, forces, weathering, and many more.
- Supplies for up to 300+ participants (amounts based on suggested usage)
- One Orlando Science Center staff member to oversee your event and provide training for your site's 15 volunteers
- Set-up and tear-down assistance in your cafeteria, auditorium, or other large room
- Passport worksheets to encourage student participation
- A raffle prize of 4 Orlando Science Center Ultimate Adventure Tickets (passports used as drawing entries) to one lucky participant

### Interactive station titles may include:

- Lectrifying Lightning
- Pyrotechnics
- 3D FX
- Animation Zoetrope
- Cymatics Soundtrack
- Hollywood Squares
- Earthquake! Structural Modeling
- Make-Up

- Crash Testing
- Blood-Sucking Vampires
- Lights, Camera, Action!
- Jurassic Park

(Stations are subject to change and based on availability. OSC staff will select 15 stations prior to event.)

Program time is 90 minutes.

**NGSSS Alignment**: SC.P.13.1, SC.P.8.6, SC.P.10.3, SC.P.10.2, SC.L.16.2, SC.D.1.3.1, SC.P.13.3, SC.N.3.2, SC.L.14.5, SC.P.8.3, SC.E.1.3.2, SC.B.2.3.1, SC.L.16.1, SC.P.8.4, SC.P.10.2

Download the Sci-Fi: The Science of Film Family Take Home Activity!

For more information or to make your reservation call 407.514.2112 or visit www.osc.org.