



STEM Night

Host a Family Science Night at *your* school and access **Science, Technology, Engineering, & Math** 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 science, engineering, and math processes, concepts, and themes with a fun, hands-on approach
- Develop communication and problem-solving skills
- Present experiments and demonstrations that supplement formal school curriculum
- Provide activity ideas that can be repeated at home for further discovery
- Reinforce the idea that everyone can be a scientist or engineer

Family Science Night includes:

- 15 hands-on stations complete with instruction cards
- Includes 5 engineering stations, 5 math stations, and 5 science stations from a topic of your choice! Choices for science topic include Animal Gross-Out, Human Gross-Out, Physical Science, Astronomy, or Discovery Health
- Supplies for up to 300 participants (amounts based on suggested usage)
- 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 engineering and math station titles may include:

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|------------------------------|---------------------|--------------------|
| • Bernoulli's Jets | • Skyscrapers 101 | • Geometric Shapes |
| • Roller Coaster Engineering | • Think for a Robot | • Pizza Fractions |
| • Sail Cars | • Measurement | • Estimation |
| | • Silly Graphz | |

(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: MA.2.G.3.2; MA.2.G.5.4; MA.3.A.2; MA.4.G.5.3; SC.2.P.13.3; SC.2.P.8.6; SC.3.N.1.3; SC.3.E.5.4; SC.4.P.10.4; SC.5.P.13.1; LA.2.6.1.1

Common Core Alignment: MACC.K.CC.2.4; MACC.K.CC.2.5; MACC.1.G.1.2; MACC.1.G.1.3; MACC.1.MD.3.4; MACC.2.MD.4.10

Download the [STEM Take-Home Activity](#)

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