



MOSI & KIDS IN CHARGE! EDUCATION FACT SHEET

MOSI'S Education Department has a fulltime staff of 14 educators and one executive secretary (see organizational chart). The department has approximately 50+ part time staff called Interactors, who present science demos throughout MOSI and assist fulltime educators in delivering programs on and off site. The department sponsors the YES! Team, a program for underserved youth in high school who are trained in science content. They subsequently assist educators in program delivery and interact with guests at MOSI. YES! stands for Youth Enriched by Science.

MOSI educators offer interactive, hands-on, experiential programs that both educate and entertain. MOSI educators often present programs in collaboration with other organizations such as the Lowry Park Zoo, Life Enrichment Center, The Florida Aquarium and YMCA. Learning at and with MOSI is *always* fun!

ACADEMIC and FAMILY PROGRAMS

Adult and Family Programs

Programs in this section of the department are geared specifically towards adults and families, for which *individual* registrations are taken. These programs are offered seven days a week throughout the year, during day or evening hours. MOSI also partners with other organizations to present educational classes (e.g., Life Enrichment Center for adult watercolor classes).

- Fieldtrips for families throughout the Tampa Bay area (e.g., Egmont Key, cave explorations and fossil digs, Kennedy Space Center)
- Workshops for adults on many topics (e.g., technology, watercolor, animation)
- Weeklong Summer Science Camps for adults / children (e.g., mural painting, robotics, art, science, astronomy, chess, math, technology and environmental)

- MORE -

www.mosi.org
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Academic and Youth Programs

Programs in this section of the department are geared towards school groups and individuals at the preschool, K-12 and postsecondary levels. MOSI educators encourage participation of scientists of all ages and spark curiosity about the world around them. All educational programs are aligned with the Sunshine State Standards and / or National Science Standards. MOSI educators also offer an onsite afterschool program for children ages 5 - 12. Programs in this section are offered seven days a week mostly during the day.

- Programs for students in grades Pre-K through 12 on any science related topic
- Strategic gaming clubs and tournaments (e.g., Yu-Gi-Oh!, chess)
- After school special interest clubs (e.g., technology)
- MOSI package of program, exhibits and IMAX for school groups
- Teach entire high school science curriculum to Lee Academy, private school
- Offer science lectures, demos and labs to 750 Home School students
- BioWorks Butterfly Garden and MOSI's Back Woods ecology

GROUP AND OUTREACH PROGRAMS

Group programs are geared towards children and adults, for which *group* reservations are taken. These programs are customized for each group to best meet their needs and interests. Programs range in length from one hour to several days. Programs are offered seven days a week, day or evening hours.

- Scout programs: badge workshops, camp-ins and fieldtrips
- Youth travel programs (e.g., Worldstrides)
- Themed birthday parties for people of all ages
- Marine animal dissections (e.g., shark)
- School group camp-ins
- Space missions in the Verizon Challenger Learning Center
- Astronomy programs in The Saunders Planetarium
- Back Woods at MOSI: environmental hikes and ecology
- Corporate training in team building, including the Challenger Learning Center and MOSI's Back Woods
- Science demos and presentations in the Science Works Theater

Outreach programs have included sites up to 500 miles from MOSI. Potential audiences include those at festivals, block parties, school assemblies, neighborhood associations, special interest groups and special events (e.g., opening of a hospital wing, Barnes and Noble book fair). Programs range in length and are offered seven days a week, day or evening.

- Telescopes to Go
- Science Assemblies at schools
- Science programs for each academic grade level
- Razzle dazzle science demos
- Marine Gang programs on estuaries and environmental science

PUBLIC PROGRAMS

Interpretive Programs

Programs in this section are geared towards all MOSI visitors, young and old. Most of the museum floor demonstrations and activities are staffed by part time Interactors and by members of the YES! Team. Programs and activities range in length and are offered during MOSI's normal business hours or during special events held at MOSI during evenings and weekends.

- Coleman Science Works Theater
- Stair Stage Science Demos
- Gulf Coast Hurricane
- High Wire Bike
- BioWorks Butterfly Garden
- Kids in Charge – O is for Oranges
- Exhibit gallery science and technology demonstrations

The Saunders Planetarium

A 49-seat planetarium, The Saunders Planetarium is the only planetarium in Tampa that offers scientist-led presentations tailored to academic grade levels or group interests. Planetarium shows are changed throughout the year and include multimedia shows coupled with scientist-led discussions. Each show often ends with a presentation of the Tampa Bay area sky for that evening.

- Shows for general MOSI visitors
- Shows for groups (e.g., school, camps, Scouts)
- Private star parties
- Private telescope tutoring
- Monthly star gazing opportunities at MOSI

Verizon Challenger Learning Center

MOSI has the third Challenger Learning Center built in the United States. As program participants prepare for a space-simulated mission, they develop and use skills in team building, communication and problem solving. Participants gain experience in the spacecraft as well as with mission control. Mars is often a popular destination on the Challenger mission!

- 2-Hour Full Missions
- 1-Hour Mini Missions
- Mission: TeamQuest Team Building Half Day Missions
- Mission: TeamQuest Team Building Full Day Missions

FUNDING FOR EDUCATIONAL PROGRAMS

In addition to program revenues, the education team receives some financial support from grants, including the following:

- AAAS Science Literacy Program – Science: It's Everywhere (community science for families)
- Pacific Science Center/AAAS -- Origins Outreach Program
- Starbucks – YES! Team Training
- Tampa Bay Regional Planning Council - Marine Gang presentation to three counties
- Southwest Florida Water Management District - Aqua Challenge program
- Conn Foundation -- YES! Team Training
- Pfizer Foundation -- Genetics Teacher Training Workshops

FUN FACTS FROM 2004 – having educated and entertained 1,000,058 people

- Cut 236 birthday cakes; dissected 97 sharks
- Traveled on 62 subterranean cave trips
- 6,000 visitors used MOSI telescopes to view the universe
- 2,519 people slept in MOSI's exhibit galleries
- 74 children participated in the MOSI Bulls after school program
- 3,128 people attended 178 different Summer Science Camps

KIDS IN CHARGE! EDUCATIONAL PROGRAMS

- Toddler Times, offered throughout the day – where toddlers explore science through mixed media and art
- Little Explorers, offered as a monthly series of class sessions for both parents/caregivers and their toddler -- where toddlers and their parents and caregivers learn about science through music, art and other fun-filled activities
- Strategic Gaming for all ages – after school chess club, Yu-Gi Oh and Chess Tournaments
- KIC Club, activities offered throughout the week for parents/caregivers and their children; walk in (and pay more) or become a KIC Club member and get a discount; themed activities (e.g., All About Air); participants learn about science through stories, songs, art, music, movement, experiments and other interactive, hands-on activities.
- Periodically throughout the exhibit gallery, InterActors will present exhibit talks and demonstrations (e.g., Gyroscopic Wheel). [Note: InterActors are trained MOSI interpreters]
- InterActors will also present 15-minute programs on various science topics and natural phenomena including, electricity, lightening, robotics, animation, technology -- on the KIC Demo Stage at times specified on the daily calendar
- Family Camp-ins

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