ORLANDO SCIENCE CENTER

Orlando Science Center
Offsite Programs

Inspiring science learning near and far!

Can't bring your students to the Orlando Science Center? Then why not bring the Orlando Science Center to your school! The Orlando Science Center has a variety of programs that can be brought to your organization, designed to engage, excite, educate, and inspire a love of science.

With Family Science Nights, OSC Science Festivals, classroom workshops, Kaboom! shows and Digital Planet to choose from, there is a program to help supplement your lesson plans

Elementary Programs

Classroom Workshops (Grades K-5)

Trained Orlando Science Center Educators lend a hand with hard-to-teach science concepts in engaging classroom workshops. With hands-on activities and engaging instruction, students are challenged by experiments, exploration, and science concepts relevant to their daily lives. All programs are aligned with the Sunshine State Standards and enhance school science curricula.

Family Science Nights (Grades K-5)

Family Science Nights offer 15 hands-on experiments focused around different branches of science. These energizing programs get parents and students involved in learning together. All of the activities in these programs are aligned with the Florida Sunshine State Standards set forth by the Florida Department of Education (DOE). Family Science Nights are available year-round and make great fundraisers, school/PTA programs, or community events. Family Science Night themes include: Physical Science, Astronomy, Animal Grossout, Human Grossout, Math, and Health and Wellness Night.

Digital Planet (Grades K-5)

Love astronomy? Want to introduce your students to the fascinating things in our universe? Then consider bringing Digital Planet to your classroom! Digital Planet, our tabletop planet show, features 3D images of the sun, planets, and moons of our solar system. Digital planet can be brought to your school as a stand-alone activity, or can be combined with one of our Family Science Nights.

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OUC A.W.E.S.O.M.E. Project (Grade 5)

Select from two 90-minute sessions focused on either Renewable Energy or Water Conservation. Students will discover the sources of Florida water and advances in renewable energies through hands-on activities that reinforce the importance of being energy or water efficient. Encouraging science inquiry skills while fostering cross-curricula connections in science, math, and critical thinking skills, students will gain an understanding of the importance of water conservation, energy efficiency, renewable energy, and alternative sources of water that are relevant to our daily lives.

Kaboom! (Grades K-5)

A show guaranteed to be a blast! The Kaboom! show is all about the states of matter and physical and chemical change. This informative and exciting presentation shows children different states of matter and demonstrates the changes they can undergo. It can be chosen as a single activity, or can be added as an upgrade to other programs.

Mystery Medical Diagnosis Show (Grade 5)

Step into our doctor's office and work as a class to help SIM Man, our state of the art patient simulator diagnosis his illness. This show featuring simulator technology, introduces body systems and their functions, common tools used in the medical profession, introduces students to a variety of health care careers while highlight the importance of healthy habits to prevent illness. This program runs approximately 50 minutes and allows all students an opportunity to interact with SIM Man.

Science Festival (Grades K-5)

Can't decide which program to choose? Does it all just sound like too much fun to have to pick? Then why not bring the Orlando Science Center to your school for a Science Festival, which gives your students an entire day of everything our off-site programming offers. Activities include:

- Classroom workshops of your choice
- The Kaboom!! auditorium show
- Digital Planet presentations
- A family science night of your choice.

By the end of the day, your students will feel more confident and excited about science.

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Middle School:

OSCSI: Crime Scene Investigation (Grades 7-9)

Become a crime scene investigator and decipher the evidence to discover the truth! Match footwear, tire and tool impressions, recover fingerprints, find glass patterns, learn blood-typing techniques, and create sketches of a suspect using facial recognition software. This experience includes four 60 minutes sessions in your classroom, encouraging exposure to STEM careers while reinforcing math, science, and critical thinking skills.

- Session 1: Forensic Impressions
- Session 2: Trajectory and Glass Patterns
- Session 3: Serology
- Session 4: Facial Recognition

Physiology Workshops featuring Vernier Probeware(Grades 6-8)

Middle School students will explore physiology concepts utilizing Vernier Probeware. Learn to measure heart rate, analyze the effects of physical activity on the heart, understand the function of muscles, and learn to analyze and record data. These 60 minute sessions introduce physiology and body systems, while integrating health science curricula and health care pathways. Teachers can select from 2 different sessions each focused on a different system of the body:

- Investigating the Circulatory System
- Investigating the Muscular System

Kaboom! (Grades 6-9)

A show guaranteed to be a blast! The Kaboom! show is all about the states of matter and physical and chemical change. This informative and exciting presentation shows children different states of matter and demonstrates the changes they can undergo. It can be chosen as a single activity, or can be added as an upgrade to other programs.

For more information or to make your reservation,
call 407-514-2112, or visit www.osc.org.