

# Ultimate Classroom

## An Inspiring Adventure in Space Science For Grades 5 - 12

- ◆ A Simulated Space Mission
- ◆ IMAX® Theatre Film
- ◆ Planetarium Show
- ◆ Meets State and National Standards in Science, Math and Language Arts
- ◆ Teacher Curriculum Guides Available
- ◆ Pre-Mission Teacher Workshop
- ◆ Developed by Professional Educators
- ◆ All Hands-on Activities



The **Ultimate Classroom** includes a 2-hour space mission simulation, an IMAX® film, and a planetarium show. They are designed for 18-32 students from grades 5 - 12. The cost of \$600 includes all aforementioned activities, the required teacher in-service training, classroom curriculum materials and follow-up activities for one teacher or group leader.

During a **Space Mission Simulation**, team members work as scientists and engineers in our Space Mission Simulator. Onboard astronauts in the Space Station Simulator work with their counterparts in the Mission Control Simulator to fly one of our three simulated space missions: *Rendezvous with a Comet*, *Return to the Moon*, and *Voyage to Mars*. These simulations provide plenty of challenges for the crews in space and on the ground. Navigating into the correct position for probe launches requires concentration and teamwork to collect vital scientific information and complete the mission. Additionally, other members of the crew are tasked with maintaining the health and safety of their fellow crewmates. Small bodies in the solar system are also highly unpredictable objects and have been known to surprise scientists from time to time, so crew members will also need to be on their toes and ready to make quick decisions.

**IMAX®** technology puts students and teachers in the center of spirited adventures and mesmerizing events in a way that no other film presentation can. Everyone will have the best seat in the house in our 287-seat auditorium...as astronauts have said, "it's the next best thing to being there." The experience also includes a **Planetarium Show** in our 50-foot, high-definition digital auditorium. Students will be able to explore the galaxy with our hi-tech projectors and sound system. The clarity and pristine nature of these shows will grasp students' imagination and propel them into the wonders of space.

### Curriculum & Standards

Before students enter the Challenger Learning Center we prepare educators through teacher workshops offering multidisciplinary pre- and post-activity curriculum to utilize in the classroom. These materials are designed to increase content knowledge, assist teachers in the use of simulation and inquiry-based learning in the classroom, and incorporate standards-based aerospace education in order to increase enthusiasm for math, science, engineering and technology. They all have been designed to support the goals and objectives of the National Education Standards, Project 2061 Benchmarks for Science Literacy, and individual state standards as well as aid in the preparation of students for standardized testing.

**To book your mission to space, contact our group sales coordinator at (850) 645-7777. For information on educational content or standards, call (850) 645-7788 or (850) 645-7797.**



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