

FCAT Standards **Keller Science Theater Presentations** Grades K - 8

The NEW Keller Science Theater offers inspiring shows full of action and information that will stay with your students all year long. Advanced registration required. Max enrollment 25 students.

Big Ideas Extreme Energy

- 3: The Role of Theories, Laws, Hypotheses and Models
- 10: Forms of Energy
- 11: Energy Transfer and Transformations

Extreme Energy

We are going to fire up some interest in your students and cover many types of energy. Electrical, thermal, and chemical energy will be sure to light up everyone's inner Einstein.

Big Ideas Matter of Fact

- 8: Properties of Matter
- 9: Changes in Matter

Matter of Fact

Help us put some molecules in motion as we investigate the matter around us. Objects on stage will be no match for our expanding gases or a super cooled liquid nitrogen dip.

FCAT Standards **MaxFlight Motion Simulator** Grades K - 8

The MaxFlight Full Motion Simulator is a state-of-the-art exhibit with 360-degree pitch-roll and spin technology. Max enrollment 25 students. Programs are offered at 10 a.m., 11 a.m. and 12 p.m.

Big Ideas Rollercoaster Rollout

- 4: Science and Society
- 12: Motions and Objects

Rollercoaster Rollout

If you're studying physics, there are few more exhilarating classrooms than a rollercoaster. Enjoy a mini-demo on the science behind the most exciting rides on the planet. Each student will strap into our Max Flight simulator to experience a unique rollercoaster track.

Big Ideas Flight Academy

- 3: The Role of Theories, Laws, Hypotheses and Models
- 12: Motions and Objects
- 13: Forces and Changes in Motion
- 18: Matter and Energy Transformations

Flight Academy

Wilbur and Orville Wright were inspired thinkers who made the first sustained, powered flight just over 100 years ago. Have your students follow in their footsteps by learning about the history of flight during a new flight academy mini-demo. After learning how to fly, each student will get the chance to take the controls and fly the MaxFlight aircraft simulator.