**Planetarium/Star Show: Sky Quest**

**Description:**
Join our young woman astronomer-to-be on her personal quest to find a special place in the night sky, from her childhood adventures on Mars (via a cardboard rocket), to the discovery of her "birthday star" that inspired her to build a mountain observatory and further her lifelong fascination with the heavens. She shares her telescope views of the Moon, Mars, Jupiter and Saturn with us; points out stars and constellations; and encourages everyone to make the time to look up, even if stargazing in urban areas with light pollution.

Sky Quest is an entertaining and educational exploration of the night sky that appeals to family members of all ages. Grade-school children may identify most with the main character depicted as an 8-year-old "astronaut" in the 5-minute live-action video shown before the rest of the planetarium projectors are introduced. The show features a captivating first-person narrative, voiced by Roxann Dawson of TV's Star Trek: Voyager.

The show includes a live customized Digistar tour of the current evening sky and basic astronomy lessons.

**Basic Information:**
- **Age Level:** General Audience (Grades 4+)
- **Maximum participants per session:** 210
- **Location:** Planetarium Theater
- **Running time:** 40 minutes (add 20 min. for Star Walk)

**Sunshine State Standards:**
**Kindergarten:**
- **Big Idea #1 - The Practice of Science**
• SC.K.N.1.5: Recognize that learning can come from careful observation.

**Big Idea #5 - The Earth in Space and Time**

• SC.K.E.5.6: Observe that some objects are far away and some are nearby as seen from Earth.

**1st Grade:**

**Big Idea #5 - The Earth in Space and Time**

• SC.1.E.5.1: Observe and discuss that there are more stars in the sky than anyone can easily count and that they are not scattered evenly in the sky.
• SC.1.E.5.3: Investigate how magnifiers make things appear bigger and help people see things they could not see without them.

**3rd Grade:**

**Big Idea #5 - The Earth in Space and Time**

• SC.3.E.5.1: Explain that stars can be different; some are smaller, some are larger, and some appear brighter than others; all except the Sun are so far away that they look like points of light.
• SC.3.E.5.5: Investigate that the number of stars that can be seen through telescopes is dramatically greater than those seen by the unaided eye.

**4th Grade:**

**Big Idea #5 - The Earth in Space and Time**

• SC.4.E.5.1: Observe that the patterns of stars in the sky stay the same although they appear to shift across the sky nightly, and different stars can be seen in different seasons.
• SC.4.E.5.2: Describe the changes in the observable shape of the moon over the course of about a month.
• SC.4.E.5.4: Relate that the rotation of Earth (day and night) and apparent movements of the Sun, Moon, and stars are connected.

**5th Grade:**

**Big Idea #5 - The Earth in Space and Time**

• SC.5.E.5.2: Recognize the major common characteristics of all planets and compare/contrast the properties of inner and outer planets.
• SC.5.E.5.3: Distinguish among the following objects of the Solar System -- Sun, planets, moons, asteroids, comets -- and identify Earth's position in it.

**8th Grade:**

**Big Idea #5 - The Earth in Space and Time**

• SC.8.E.5.1: Recognize that there are enormous distances between objects in space and apply our knowledge of light and space travel to understand this distance.
• SC.8.E.5.3: Distinguish the hierarchical relationships between planets and other astronomical bodies relative to solar system, galaxy, and universe, including distance, size, and composition.