Planetarium/Star Show:  
*Larry Cat in Space*

**Description:**  
*Larry Cat In Space* is a playful, imaginative cartoon presentation about an inquisitive cat who takes a trip to the Moon. Through Larry's eyes, we observe his human family, a group of enthusiastic sky-watchers. Larry notes how human time differs from cat time. Diana takes a job on the Moon, and sadly leaves Larry behind. Larry figures out a way to hide in her clothes trunk. The trunk and Larry are loaded onto the Space Plane, which takes him to space station Freedom.

From there, he is transferred to the Lunar Shuttle. During weightlessness, the trunk opens. Larry floats out into the cabin, and looks out the window. When Diana discovers Larry, he leaps to greet her, but sails over her head, since he only weighs two pounds in lunar gravity. He meets the rest of Imbrium Village’s inhabitants, including the evil Commander Stone, who orders Diana to return Larry to Earth. The Moon base crew petitions to keep Larry, and the Commander relents. He even makes Larry a cat space suit. When Larry ventures outside, he spots the Earth, looking a lot like the Moon did from the porch at home.

*Larry Cat In Space* is primarily targeted at grades K-3, although everyone loves an entertaining, fun story! Parents and children alike will enjoy the show, and learn something about the Moon, too!

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

**Basic Information:**
- **Age Level:** Designed primarily for grades K-3rd Grade (4th–8th Grade standards also addressed)
- **Maximum participants per session:** 210
- **Location:** Planetarium Theater
- **Running time:** 45 minutes (add 10-15 min. for Star Walk)
- **Teacher's activity guide available**
Sunshine State Standards Addressed:

**Kindergarten:**

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

- K.E.5.2 Recognize the repeating patterns of day & night.
- K.E.5.3 Recognize that the Sun is only visible in the daytime.
- K.E.5.4 Note the Moon can sometimes be seen at night and sometimes during the day.
- K.E.5.5 Note that some things look big and others look small as seen from Earth.
- K.E.5.6 Note that some things are far away and others are nearby as seen from Earth.

**1st Grade:**

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

- 1.E.5.3 Explain how magnifiers make things look bigger & allow us to see things not visible to our eyes alone.

**3rd Grade:**

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

- 3.E.5.2 Explain that our Sun is a star that emits light energy.
- 3.E.5.4 Demonstrate that gravity is a force that can be overcome.

**4th Grade:**

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

- 4.E.5.2 Monthly change in the shape of the Moon.
- 4.E.5.3 Daily rotation of Earth about its axis; yearly revolution of Earth around the Sun.
- 4.E.5.4 Relate Earth's rotation to the apparent daily motion of Sun, Moon & stars.

**5th Grade:**

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

- 5.E.5.3 Identify solar system objects: Sun, planets, moons, asteroids & comets. Identify Earth's place in the Solar System.

**8th Grade:**

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

- 8.E.5.1 Recognize the huge distances between objects in space; relate these distances to our knowledge of light & space travel.

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