Planetarium/Star Show: **Sunshine!**

**Description:**

*Sunshine!* is a lovable cartoon sun and he doesn’t care if children get loud or excited: in fact he wants them to look around, raise their hands, sing and play along with his tricks. During the fun and games, the stars of the night sky are revealed and Sunshine explores some simple colors and counting.

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

**Basic Information:**
- **Age Level:** Pre-K (5-years and under)
- **Live presenter combined with lip-sync animation**
- **Maximum participants per session:** 210
- **Location:** Planetarium Theater
- **Running time:** 20 minutes (add 10-15 min. for Star Walk)

**Key Concepts Covered:**
- The Sun is a star and is big only because it is so much closer to us than those in the night time sky.
- The sky is blue during the daytime sky because the sun is so bright and scatters off the air.
- When the sun goes down it turns night time and when it returns, the sky turns to daytime.
- The sun doesn’t really move, but the earth turns causing the suns’ apparent motion.

**Sunshine State Standards:**

**Kindergarten:**

**Big Idea #5 - The Earth in Space and Time**
- K.E.5.2: Recognize the repeating pattern of day and night.
- K.E.5.3: Recognize that the Sun can only be seen in the daytime.

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• K.E.5.4: Observe that sometimes the Moon can be seen at night and sometimes during the day.
• K.E.5.5: Observe that things can be big and things can be small as seen from Earth.
• K.E.5.6: Observe that some objects are far away and some are nearby as seen from Earth.