Fernbank Science Center

Title:	EARTH MOON AND SUN (1203)	**Type:**	Planetarium
Level:	2nd & 3rd Grade	**Length:**	45 minutes
Location:	Planetarium	**Limit:**	300

Program Description

What causes Moon phases? What is a lunar eclipse? Coyote is sharp, but he has some strange ideas about the universe. Students will learn the reasons for seasons, why the Moon seems to change shape, and hear some Native American stories about the sky.
This lesson uses our new SciDome technology, as well as the Zeiss star projector view of the current night sky.

Please Note:
Planetarium lessons begin PROMPTLY at 9:30 a.m., 10:45 a.m. and 12:30 p.m. Your group must arrive in time to check in and be ready to be seated at least 15 minutes before the program begins.

Georgia Standards of Excellence

S2E2. Obtain, evaluate, and communicate information to develop an understanding of the patterns of the sun and the moon and the sun's effect on Earth.

Vocabulary

atmosphere	lunar eclipse	orbit	planet
rotate	seasons	solar eclipse	telescope

Pre-Visit Activity

Share Franklyn Branley's book The Moon Seems to Change with your students. Review the vocabulary words.

Post-Visit Activity

Post visit 1203 - A Coyote Story – distributed at end of lesson

Resources

Harcourt Georgia Science 3 Teachers Edition: Ch6 Lesson 1 pg. 250
Harcourt Georgia Science 2: Unit A, Chapter 2, Lesson 4, pp. 88-99.