



FSC PROGRAM DESCRIPTION

1203 - Earth, Moon and Sun

Grade Level: 2nd
Location: Fernbank Science Center
Capacity: 350

Instructor: Lancaster
Type: Planetarium Lesson
Length: 45 minutes

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.

Georgia Performance Standards

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.

Key Vocabulary

Atmosphere	Lunar eclipse	Orbit	Planet
Rotate	Seasons	Solar eclipse	Telescope

Pre-Visit Activities

Share Catherine Ipcizade's book Moon Phases (ISBN 978-1-9771-0040-5) with your students. Review the vocabulary words.

Go to: <https://spaceplace.nasa.gov/moon-phases/en/> Even though phase names are not a standard, there are some good resources here.

Post-Visit Activity

During the lesson, students heard several Native American stories about the sky. Have students research sky stories from other cultures and share them with the class.

Resources

The curriculum guide for Earth, Moon and Sun can be found at https://moreheadplanetarium.org/wp-content/uploads/2020/04/EARTH-MOON-SUN-Curriculum-Guide_2020.pdf