



# Earth, Moon & Sun

**60-minute Program \* Best suited for grade 4**  
**Science Standards: 4.E.1**

*Schools in New Hanover County: \$6 per student*

*Schools outside New Hanover County: \$7 per student*

*(Bookings outside New Hanover Co. are subject to additional mileage fee.)*

## **GET MOVING AS YOU ANALYZE THIS CELESTIAL SYSTEM!**

What causes day and night? Why does the Moon appear to change shape? Students will discover the answers to these questions and more in this exciting, interactive program.

## **PROGRAM ACTIVITIES INCLUDE:**

### **PLANETARIUM: MOON MANIA**

Venture inside the digital planetarium to observe the phases of the Moon, explore features of the moon's surface, and learn about Earth's only natural satellite.

### **CREATE A 'MOON-PHASER'**

Build your own "moon-phaser" to aid in identifying the Moon's phases and the order in which they appear!

### **MOON DANCE!**

Grab a "moon ball" and get ready to dance as you investigate the motions of the Earth, Moon, and Sun and create your own moon phases!

**\*NOTE** Program set up requires a clear area 24x24 feet, ceiling height of 13 feet, and access to an electrical outlet. An additional open area 20x20 feet that can be darkened, with access to an electrical outlet (for additional activities taking place outside of planetarium). Planetarium is ADA accessible.

**Call 910.798.4362 or email [cfmprograms@nhcgov.com](mailto:cfmprograms@nhcgov.com) to schedule your field trip!**



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**[www.capefearmuseum.com](http://www.capefearmuseum.com)**