

Solar System—Lesson Eight

Gravity, the Force that Keep Objects in Orbit in the Solar System

Standard III: Students will understand the relationship and attributes of objects in the solar system.

Objective 3: Describe the forces that keep objects in orbit in the solar system.

Indicator a: Describe the forces holding Earth in orbit around the sun, and the moon in orbit around Earth.

Indicator b: Relate a celestial object's mass to its gravitational force on other objects.

Indicator c: Identify the role gravity plays in the structure of the solar system.

Directions:

1. TRB Investigation Five—Gravity (10.2.31)
2. Solar System and the Forces Behind It—USOE, 2006—4-3 to 4-24.