

GraviTEACH™

Lesson Directions Overview

Equipment List:

- 1 GraviTeach™ Frame
- 1 GraviTeach™ Cover
- 1 Center Weight
- 6 Rainbow® Golf Balls

Learning Objectives:

- Understand how GraviTeach™ represents the Sun, planets, and the solar system.
- Define gravity as a force.
- Understand gravitational pull and the impact mass has on the strength of the gravitational field.

Grade Levels: 5-8, 9-12

Vocabulary Covered:

- Force
- Gravity
- Gravity Well

NGSS Topics Addressed:

- Forces and Interactions
- Space Systems: Patterns and Cycles
- Space Systems: Stars and the Solar System