

Planets of our Solar System

OmniGlobe Unit Lesson Plan

Grade / Class / Subject: Elementary 4th grade

Lesson Time: (4 -5) ~30 minutes times

Unit / Theme: Solar System and Space

2010 Colorado State Standards:

1. Earth Science Grade 4 - standard #1

Essential Question: How does the Earth compare to other objects orbiting the Sun?

Content Objective(s):

1. The students will be able to list the names of the 8 planets and at least 1 key fact about each planet and compare it to Earth.
2. The students will be able to put the planets in order from closest to the Sun to the furthest from the Sun.
3. The students will be able to model the basic movement of the planets around the Sun.

Language Objective(s):

1. The students will be able to write the names of the 8 planets in proper order starting closest to the Sun and write at least 1 interesting fact about each planet.
2. The students will be able to explain in sentences using key vocabulary words how the planets move around the Sun.

Key Vocabulary:

- Revolution
- Rotation
- Orbit

Critical Thinking Strategies:

- Background Knowledge (Schema)
- Visualizing
- Synthesizing
- **Inferring – Main Focus**

Resources:

- *Comets, Stars, the Moon, and Mars* –Space Poems and Paintings by Douglas Florian - Harcourt, Inc.(2007)
- A variety of age and reading level appropriate books on the planets.

Extensions / Variations:

- Math - Calculate your weight on the planets.
- Literacy- Read Poetry about the planets.