Science In A Bag- Teacher Page

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Intergalactic Space Race

Fifth Grade

Standards

GLE0507.6.1 Compare planets based on their known characteristics.

SPI 0507.6.1 Distinguish among the planets according to their known characteristics such as appearance, location, composition, and apparent motion.

Task Objective

Students will be able to identify key differences between the planets in the solar system.

Explanation

This activity allows students to engage and explore in the solar system and all of its planets. Students will be able to compare planets to one another as well as note differences between them.

Common Misconceptions

Some common misconceptions students have about the solar system are:

* There is no planet like planet earth.
* The sun is not a star.
* The sun disappears at night.
* The sun orbits around the earth .

Real World Connection

After completing this activity, students will have a better understanding of the planets and how they orbit the sun. Earth constantly orbits the sun. This constant orbiting is why we have day and night.

Connections Across the Curriculum

GLE 0306.3.3 Describe and analyze patterns and relationships in contexts.

Check For Understanding

0306.3.7 Create different representations of a pattern given a verbal description.

SPI 0306.3.4 Describe or extend (including finding missing terms) geometric and numeric patterns.

References

A Tour Through The Planets

<http://Myteacherwebpages.com/science_class>

What Are The Planets Like?

<http://www.uen.org/core/core.do?courseNum=3060>