



Who Am I?

Introduction

In the book, *Going Around the Sun: Some Planetary Fun* by Marianne Berkes, the reader is introduced to the eight planets. In this activity, students use reproducible bookmarks for a guessing game about each planet.

Materials Needed

- ◆ *Going Around the Sun: Some Planetary Fun* by Marianne Berkes
- ◆ Reproducible Bookmarks of the eight planets

Procedure

1. Read the book *Going Around the Sun: Some Planetary Fun*, including the glossary for older students.
2. Download the eight different reproducible bookmarks for *Going Around the Sun*. Make enough copies for each student in your class to use for more activities.
3. Pass out bookmarks to eight students (Each student should have a different planet.)
4. Tell students they will be playing a number of games with the bookmarks and in this game the class will have to guess which planet is standing in front of the room.
5. A student with a bookmark volunteers to come to the front of the classroom, not revealing which planet he/she has. The class needs to guess which planet he/she is. They will be allowed four (or more) questions to which the student with the bookmark answers "yes" or "no." Questions could be "Do you have moons?" or "Are you an inner planet?" or directly "Are you Venus?"
7. If the students guess correctly with the number of questions you determine, the child goes back to his desk and another student with a bookmark volunteers to come up to the front. If they have not guessed who it is, the student reveals his planet and picks another student with a bookmark to come to the front of the room.

Key Concepts

- ◆ Position of an object can be described relative to other objects.
- ◆ Objects can be described by their properties and classified accordingly.
- ◆ Models can be used in explanations.

For standards correlation please see our website.

Nature Connections

- ◆ Pass out the reproducible bookmarks to all the students in the class. Ask them to write two sentences describing their planet, not mentioning which one they are. e.g. "I am sometimes mistaken for a star." "I am the hottest planet of them all." Students volunteer to read their sentences to the class starting with "Who am I?"
- ◆ Have students research other objects in the Universe. What adjectives and verbs would they use to describe the other items in space?

Additional Resources

Fun Facts About Comets

- ◆ Comets come from two places in our Solar System the Oort Cloud beyond Pluto and the Kuiper Belt located between Jupiter and Mars.
- ◆ Comets leave the cloud when a large comet changes the gravitational pull on a smaller comet, or when comets collide.
- ◆ Because a comet is made of up ice and dirt, it will melt the closer it gets to the Sun.

