

Lesson Summary:

"Geo"party is a fact game used to reinforce subject matter. It is similar to the "Jeopardy" game on television with one modification: the teacher asks a question and the students provide an answer. During "Planet 'Geo'party," students review facts about the nine planets in our solar system and their auroras (or lack of them).

Objectives:

The student will:

- review facts about the planets in our solar system;
- review facts about the aurora on Earth and other planets in our solar system; and
- discuss and solve problems with teammates.

GLEs Addressed:

Science

- [7] SB1.1 The student demonstrates an understanding of the structure and properties of matter by using physical properties (e.g., density, boiling point, freezing point, conductivity) to differentiate among and/or separate materials (i.e., elements, compounds, and mixtures).
- [8] SB1.1 The student demonstrates an understanding of the structure and properties of matter by using physical and chemical properties (i.e., density, boiling point, freezing point, conductivity, flammability) to differentiate among materials (i.e., elements, compounds, and mixtures).
- [6] SD4.1 The student demonstrates an understanding of the theories regarding the origin and evolution of the universe by contrasting characteristics of planets and stars (i.e., light reflecting, light emitting, orbiting, orbited, composition).
- [7] SD4.1 The student demonstrates an understanding of the theories regarding the origin and evolution of the universe by comparing and contrasting characteristics of planets and stars (i.e., light reflecting, light emitting, orbiting, orbited, composition).
- [9] SD3.2 The student demonstrates an understanding of cycles influenced by energy from the sun and by Earth's position and motion in our solar system by explaining the phenomena of the aurora.

Search Terms:

- planets
- magnetic field
- gases
- atmosphere
- solar system
- aurora
- Northern Lights