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| Subject: | Science |
| Title: | Hockey in Space |
| Grade Level: | 6 |
| Purpose: | * In this inquiry based project the students research a planet in our solar system, and think of the special accommodations required to play hockey on that planet. |
| Curricular  Connections: | * Recognize that the other eight known planets, which revolve around the Sun, have characteristics and surface conditions that are different from Earth; and identify examples of those differences. * Identify technologies and procedures by which knowledge, about planets and other objects has been gathered. |
| Materials: | * Technology to research planets – chrome book, iPads, computer lab etc. * Paper and pencil – to record information * Poster paper; markers or pencil crayons |
| Activity: | 1. Students:  * **choose** a planet or moon in our solar system * **research** their planet or moon – its characteristics and surface conditions * **think about** the special accommodations that need to be in place to play hockey on their planet  1. Teacher: Provide an example: Earth’s Moon – would need to be roped down, different dimensions of the rink (puck would travel further with no gravity), fenced in or in a bubble, oxygen tanks for players, etc. 2. Students then **present** their information on their planet or moon to the class, describing their special accommodations for its unique characteristics and conditions. |
| Extension: | * Have this assignment as a poster presentation. * Assign an art project: illustrate the construction of an arena on a planet; use sketches or a painting |
| Assessment: | * Anecdotal: Assess forunderstanding by listening to the   student responses during their presentation.   * Product: Student’s Poster. Look for original ideas and effort. |