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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.
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| CurricularConnections: | * 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.
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| Materials: | * Technology to research planets – chrome book, iPads, computer lab etc.
* Paper and pencil – to record information
* Poster paper; markers or pencil crayons
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| 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.
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| 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
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| Assessment: | * Anecdotal: Assess forunderstanding by listening to the

 student responses during their presentation.* Product: Student’s Poster. Look for original ideas and effort.
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