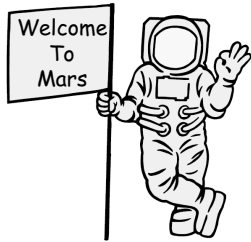


Interplanetary Travel Guide



Objective:

This activity will allow students to imagine that they are living on Mars and take on the roles of specialists working with travel agents who are trying to attract tourists to the Red Planet.

National Science Education Standards:

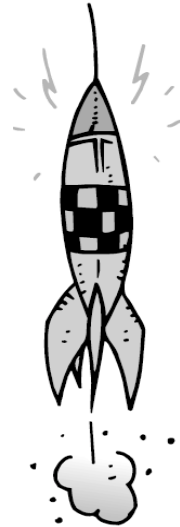
Standard A: Abilities necessary to do scientific inquiry

Standard D: Earth in the Solar System

Standard F: Personal Health

Materials:

- Name tags per group: Meteorologist
Geologist
Mission Specialist
Journalist/Reporter
Archivist/Historian
Graphic Designer
- Materials to research Mars (Internet access, encyclopedias,...)



Exploration:

1. Place students into groups of six. If there are students left over, you can have more than one journalist/reporter per group, combine the jobs of historian and graphic designer, or make another whole team. Pass out the appropriate name tags.
2. Read this introduction to the students:
"Congratulations! You have been selected to create the first ever Interplanetary Travel Guide. Your team will work together as a travel company to try to attract tourists to the first space colony resort on Mars."
3. Explain the roles of each person in the group:
 - Meteorologist:
 - will research and create an atmospheric habitat that will enable appropriate weather conditions to attract tourists.
 - Geologist:
 - will research the history of the craters on the Martian surface and determine a way to keep more meteorites from crashing into the colony. (Hint: Mars has a thin atmosphere and meteors will not burn up upon entry.)
 - will research the surface of Mars and determine the ideal location to build the Martian colony.
 - Journalist/Reporter:
 - will use the information gathered by the other members of their group to

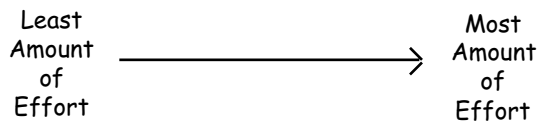
create the text for the travel guide. (Hint: You are trying to sell the Mars resort to the public. What words do advertisers on Earth use?)

- Archivist/Historian:
 - will keep track of the team's events in order to record Martian history in the making.
- Graphic Designers:
 - will create the pictures of the extraordinary landscape of the Martian resort.
- Mission Specialist:
 - will help to organize the team's research and later present the travel guide to the class.

4. The class can present the Interplanetary Travel Guide in the form of a book, brochure, slide or computer presentation, mural, TV commercial, infomercial, or an interactive web site.

Evaluation:

The students will be evaluated according to the amount of effort, their specific job performance, participation within the team, and on the final product (Interplanetary Travel Guide) using the rubric below.



	1	2	3	4	5	Total
Meteorologist						
Geologist						
Mission Specialist						
Journalist/Reporter						
Archivist/Historian						
Graphic Designer						
Teamwork						
Final Product						
Project Total						/40