

Earth Science 4th Quarter Project: Outer Space Colonization

May 15, 2050

Dear Space Cadet,

You have been given the difficult task of creating an Earth colony on a celestial body in our solar system. You must choose a planet or moon within this solar system (aside from Earth) and generate a publicity campaign to convince Earthlings to move there. Your publicity campaign can include a poster/billboard sign, a television ad or other informational media source. Within your campaign you must provide the following information:

- The name of the planet or moon you wish to colonize
- The name of the colony you wish to establish there
- The location of the planet or moon in space
- A detailed description of the planet or moon including atmospheric and surface conditions
- An explanation as to how Earthlings would get to this new colony
- A list of items that Earthlings would need to live on the moon or planet

In detail:

- You must pick a moon or planet located within our solar system (aside from Earth). You have a choice of seven planets, over 170 moons and an assorted array of dwarf-size planets including Pluto.
- Create a name for this new colony and be creative. The name should convey a positive message and convince prospective residents to relocate to your colony.
- Since your new residents will be moving from Earth to your colony, you should tell them the distance they will have to travel. In addition, tell them the distance to other planets or moons in the vicinity. They may want to know how far they have to travel for a vacation.
- Be sure to describe the planet or moon in great detail. What are the atmospheric conditions? What are the surface conditions? Are there nearby meteoroids or asteroids that will likely hit the surface? What are temperatures like? How many Earth years does it take to rotate around the sun? These are just a few questions that prospective residents may want to know. Be sure to include any interesting facts about your planet or moon.
- Depending on the distance to your colony, there may be different methods to get to there. Be creative with your transportation method. For example, if the new colony is on the moon, residents could simply drive their Jetson-inspired space cars!
- Depending on where your colony is, your new residents may need to bring different items. For example, if the new colony is on Pluto, perhaps they need to pack their winter clothes.
- In order to get the information across, you will need to create some sort of advertisement. This advertisement can be anything you want and may include such things as posters or television infomercials. Be creative. You will be presenting your project to the class, so you are welcome to have a live performance. If you need electronic equipment like a CD player or DVD player, please let me know so I can arrange for there to be one.
- Bring your grading rubric in with your name on it when your project is due.

The International Space Colonization Organization (ISCO) has great hope for this colonization project. We expect great things from you, Space Cadet.

DUE DATE: May 15, 2009

Sincerely,

Your Space Commander

Creativeness	/10
Name of the planet or moon	/5
Name of the colony	/5
Location	/10
Description	/15
Transportation from Earth	/10
Packed items	/10
In-class presentation	/10
Grading Rubric with name	/5
TOTAL	/80