

Interplanetary Travel Project



Charlotte Wood Middle School
8th Grade Science

Concept

- ✦ Students have been hired by a travel agency to create a 2-5 min video for tourist attractions in our solar system.
- ✦ Each group will be assigned a destination from a list of eleven destinations : Mercury, Venus, Mars, Jupiter, Saturn, Neptune, Uranus, Pluto, Luna, Ceres
- ✦ Students will work in groups of 3-4 over the course of 3 weeks



Requirements

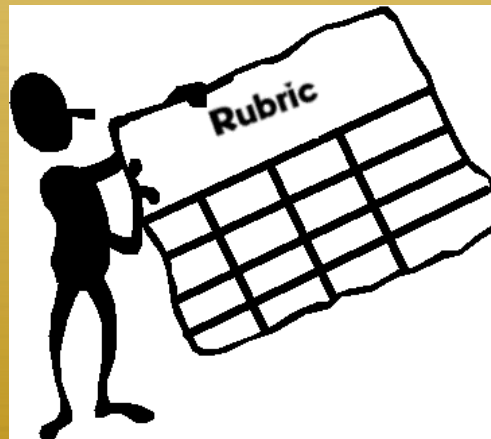


Each video must include the following information:

- ✦ The diameter of your planet, moon, or sun
- ✦ The distance from earth and direction from earth
- ✦ How long will it take to get there
- ✦ How long will it take to travel around the sun one revolution
- ✦ If I wanted to see sunset to sunset, how many earth days or hours would that be
- ✦ The number of moons (if applicable)
- ✦ A general description of your tourist attraction (range of temperatures, atmosphere, color, rings, topographic features, etc)
- ✦ What should tourists pack
- ✦ Pictures of your tourist attraction
- ✦ Logo that represents their tourist attraction

How it will be graded

- ✦ Rough Draft:
 - ✦ Story board
 - ✦ Script
- ✦ Final movie will be graded with a rubric



Interplanetary Travel Project

Tourist attraction: _____

PER. _____

NAMES:

This project is worth **65 points total**. You will be assigned a travel destination from our solar system in class. In groups of **3-4 people**, you will create a travel video advertising a trip to your destination. You will turn in a **typed script** and **storyboard** showing how you plan to film your movie before filming begins. I must approve your script and storyboard before you can use a camera. Your project should be factual and fun, so **be creative** in designing your project. The required items below must be included in the project you turn in. This project will be done **in class**.

5 points for creativity

Script:

There is no page limit, however, your paper needs to be clean, neat, and organized.

- The names of your group members should be at the top
- Label each line with the character speaking.
- Each person needs to have a speaking part
- Each member of the group should have roughly the same number of lines
- Should be typed
- Include a list of required materials you will need for your movie

Total: 15 points

Storyboard:

Use the provided storyboard worksheet to illustrate the scenes in your movie.

- Each square represents a scene in your movie
- Give a brief description of each scene in the lines below each square.
- Must be in color
- Must match your script

Total: 15 points

I-Movie Video:

Your video needs to include the following:

- The diameter of your planet, moon, or sun (2)
- The distance from earth and direction from earth (2)
- How long will it take to get there (3)
- How long will it take to travel around the sun one revolution (3)
- If I wanted to see sunset to sunset, how many earth days or hours would that be (3)
- The number of moons (if applicable) (2)
- A general description of your tourist attraction (range of temperatures, atmosphere, color, rings, topographic features, etc) (5)
- What should tourists pack (5)
- Pictures of your tourist attraction (5)

Total: 30 points

5 points for creativity

How it will be presented

- ✦ Videos will be shown in class
- ✦ Students will view the videos and record info on a worksheet
- ✦ Students will grade each other using a rubric
- ✦ Students vote for the trip they like best
- ✦ The winning group gets bonus points

