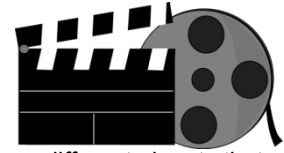


Name: _____

Period: _____ Date: _____

Planets of Our Solar System Media Project
Astronomy



Introduction: Below are the instructions on how to create a media portfolio for all of the many different planets that reside in our solar system. Be sure to pay close attention to detail in the photos and videos and have fun with it!

Instructions:

- Use Google Drive
 - Use Google Slides – submit to Google Classroom when you're finished
- Create a media portfolio for planet listed below
- Each slide needs to contain:
 - Planetary dimensions
 - Radius
 - Mass
 - Volume
 - Density
 - Axial angle tilt
 - Pressure
 - Sidereal day
 - Solar day
 - Satellites
 - Distance from the Sun
 - Orbital period
 - Atmospheric composition (gas and %)
 - Surface features and land formations (if any)
 - Conditions that are likely on the surface
 - If there is no surface, what would the conditions be like at the breach of the atmosphere?
 - Unique characteristic(s)
 - Each planet has at least two
 - 3 pictures of the planet
 - The entire planet
 - The cross section of the planet
 - A special feature related to that planet
 - 1 embedded educational video on the planet (No videos from the Crash Course series!)
 - My advice: use Youtube... they embed really easily on Slides
 - Video is NOT to exceed 10 minutes! (Short and sweet does the trick!)

Rubric:

- 10 pts - each planet (80 pts)
 - 5 pts – dimensions and unique characteristics
 - 3 pts – 3 photos
 - 2 pts – video
- 10 pts – neatness, colorful, grammar, functionality
 - 4 pts – neat, organized, and colorful
 - 3 pts – functionality (videos embedded and function correctly)
 - 3 pts – correct grammar and spelling

TOTAL: 90 points!

WATCH OUT!

Youtube can be a great tool, but also a bad one, too. Make sure to completely watch your videos and DO NOT just assume based off of the title of the video. Be sure that it fits the correct description of that planet!

Name: _____

Pd: _____

Score: ____/90

Planets of Our Solar System Media Project
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Rubric:

Mercury

- _____ / 10 pts - planet
 - 5 pts – dimensions and unique characteristics
 - 3 pts – 3 photos
 - 2 pts – video

Venus

- _____ / 10 pts - planet
 - 5 pts – dimensions and unique characteristics
 - 3 pts – 3 photos
 - 2 pts – video

Earth

- _____ / 10 pts - planet
 - 5 pts – dimensions and unique characteristics
 - 3 pts – 3 photos
 - 2 pts – video

Mars

- _____ / 10 pts - planet
 - 5 pts – dimensions and unique characteristics
 - 3 pts – 3 photos
 - 2 pts – video

Jupiter

- _____ / 10 pts - planet
 - 5 pts – dimensions and unique characteristics
 - 3 pts – 3 photos
 - 2 pts – video

Saturn

- _____ / 10 pts - planet
 - 5 pts – dimensions and unique characteristics
 - 3 pts – 3 photos
 - 2 pts – video

Uranus

- _____ / 10 pts - planet
 - 5 pts – dimensions and unique characteristics
 - 3 pts – 3 photos
 - 2 pts – video

Neptune

- _____ / 10 pts - planet
 - 5 pts – dimensions and unique characteristics
 - 3 pts – 3 photos
 - 2 pts – video

Presentation

- _____ / 10 pts – neatness, colorful, grammar, functionality
 - 4 pts – neat, organized, and colorful
 - 3 pts – functionality (videos embedded and function correctly)
 - 3 pts – correct grammar and spelling