

Planet Research Project Task Sheet

The Task: Create a PowerPoint or Keynote presentation that compares and contrasts a planet of your choice to Earth to teach your classmates about its components and characteristics:

1. 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.
2. Recognize that not only Earth, but other planets, have moons; and identify examples of similarities and differences in the characteristics of those moons.

Part A: Background

Using books, Sky Science apps, or encyclopedias, research information about your planet so that you can answer:

- Where did the planet get its name?
- How was the planet formed or created?

Write a paragraph that explains what you know.

Part B: Compare and Contrast

Using PowerPoint or Keynote, create a presentation that compares and contrasts the planet you have chosen to Earth. Your presentation must include:

- At least 5 interesting facts or characteristics about your planet
- A table or chart comparing (to Earth) the
 - ✓ Size
 - ✓ Diameter
 - ✓ Relative Size
 - ✓ Atmosphere components
 - ✓ Does the planet have moons?
 - ✓ Circumference
 - ✓ Radius
 - ✓ Distance from the Sun
 - ✓ What planet is made of (composition)
- Sources.
- Your paragraph from Part A

My planet is: _____

My Planet Project is due: _____

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	FIVE	FOUR	THREE	TWO
<p>CONTENT (Research) (Product)</p> <p style="text-align: center;">/15</p>	<ul style="list-style-type: none"> -Sources from a variety of books, websites, videos, posters, etc., are used. At least 8-10 applicable sources. -All facts are accurate and credit is effectively shown for where you got them -Information is related in your own words using excellent vocabulary -Product shows a strong understanding of all "I can" statements in the task - WOW factor is evident 	<ul style="list-style-type: none"> -Sources from a variety of books, websites, videos, posters, etc., are used. At least 7 applicable sources. -Almost all facts are accurate and credit is effectively shown for where you got them -Information is related in your own words using effective vocabulary -Product shows a strong understanding of all "I can" statements in the task 	<ul style="list-style-type: none"> -Sources from a variety of books, websites, videos, posters, etc., are used. At least 5 applicable sources. -Most facts are accurate and credit is shown for where you got them -Information is related in your own words using understandable vocabulary -Product shows an understanding of all "I can" statements in the task 	<ul style="list-style-type: none"> -Sources are used but they are either not applicable or not enough are used. -Facts are inaccurate or credit is not shown for where you got them. -Information is not related in your own words or vocabulary is used incorrectly. -Product shows an incomplete or vague understanding of all "I can" statements in the task
<p>PRESENTATION</p> <p style="text-align: center;">/5</p>	<ul style="list-style-type: none"> - Excellent enthusiasm was shown in presentation -Presenters rehearsed (speaking effectively without reading); -Presentation is very interesting and creative. -Presentation is engaging because everyone can hear and the audience is included. 	<ul style="list-style-type: none"> -Great enthusiasm was evident in presentation -Presenters rehearsed (speaking effectively with minimal reading); -Presentation is interesting and creative. - Presentation is engaging because everyone can hear and the audience is included. 	<ul style="list-style-type: none"> -Some enthusiasm was evident in presentation -Presenters were somewhat rehearsed (reading and good speaking skill); -Presentation is somewhat interesting and creative. -Presentation is engaging because everyone can hear and the audience is included. 	<ul style="list-style-type: none"> -Very little enthusiasm was evident in presentation -Presenters not very rehearsed (read product and/or didn't make eye contact with audience); -Presentation lacks audience interest because not all students could hear or audience was not included.
<p>APPEARANCE</p> <p style="text-align: center;">/5</p>	<ul style="list-style-type: none"> -Excellent neatness and organization of information. -Very effective display of titles and sources. -Includes excellent details to demonstrate understanding. 	<ul style="list-style-type: none"> -Very neat and strong organization of information - Effective display of titles and sources. -Includes strong details to demonstrate understanding. 	<ul style="list-style-type: none"> - Neat; information is mostly organized - Includes display of titles and sources. -Includes good details to demonstrate understanding. 	<ul style="list-style-type: none"> - Appearance is messy or; disorganized - Missing display of titles and/or sources -Lacking details to demonstrate understanding.