

Planet Research Project

Sr. Maryam 6B

September 19th, 2014



“Greetings, Earthlings!

It is I, Esteemed Space Commander Aye Lee Yin III once again. Alas, it has come to my attention that some of you are not aware of the specific details of the eight planets in your Solar System.

I must have you knowledgeable about this important topic. In your tribes, I would like you to thoroughly research one planet and present your findings to the class.”

Write the name of the planet your tribe has been assigned here: _____

▪ **You must find information on the following:**

- | | |
|---|----|
| 1. Size of the planet (diameter) | /1 |
| 2. Appearance (colours, noticeable features...etc.) | /2 |
| 3. Mass and density of the planet | /2 |
| 4. Gravity | /1 |
| 5. Atmosphere composition and diameter | /2 |
| 6. Surface type and composition | /2 |
| 7. Core composition and diameter | /2 |
| 8. Temperature | /1 |
| 9. Presence of water | /1 |
| 10. Presence of rings | /1 |
| 11. Moons and other satellites (detailed description) | |
| ▪ How big is the satellite? How far is it from the planet? Orbit? | /3 |
| ▪ If there is not satellite, you obviously don't complete this section. | |
| 12. Distance from the Sun (km, light years and AU) | /3 |
| 13. Orbit size and shape | /2 |
| 14. How long does it take to orbit the sun? | /1 |
| 15. Are there seasons? How long do they last? | /1 |
| 16. How long is one day on this planet? | /1 |
| 17. Any other interesting facts you can find (at least 4) | /4 |

This assignment is due on Tuesday, September 30th, 2014.

I will be checking your progress throughout.

- **You have two options to present your project:**
 1. Three-fold display board with information and pictures.
 2. Power-point presentation about your planet.

- **You must also have a model made of your planet. We will have class time to make the paper mache models and paint them In'shaa Allah.**

- **Even though this is a group project, you will all get individual marks! You must fill out and sign the group assessment sheet that outlines what each group member did.**

- **I will hand out a rubric and marking scheme on Monday In'shaa Allah.**