

Name: _____ Planet/Celestial Body _____



SNC1D Aliens!

You will be assigned a planet in our solar system. Your task will be to research the following characteristics of the planet & create an alien adapted to live there.

- Complete the 2 information charts and glue on the back of poster or rewrite them. You must indicate the source of your information and you must use proper APA format. This prevents you from plagiarizing. In the planetary chart, indicate with an * the information you got from your textbook. Other information you will need to gather from texts or the internet.
- Create a poster with a catchy title. The title should mention your planet. The drawing of your alien should take up most of the poster. Chose 5 alien characteristics to label on your drawing. For each label, include an explanation of how this adaptation helps it live on its planet.

Your final summative (counts for marks) lab will be due on _____.

Your mark will be based on the following rubric:

| | | |
|----------|---|-------------------|
| Inquiry | <input type="checkbox"/> Planetary information (with sources listed below the table on back of poster) <ul style="list-style-type: none"> • See below for example! | / 5 |
| Applicat | <input type="checkbox"/> Alien data chart- complete & detailed <input type="checkbox"/> Clear linkage between 5 labelled adaptations and physical characteristics of the planet. | 2 x 5 / 10 |
| Comm. | <input type="checkbox"/> Drawing matches description of alien, is detailed, in colour, carefully drawn, and big enough to see from a distance of 3 m. | / 5 |

*Note that 1 Communication mark is lost if this rubric is not included with the lab.

Did you know...?? **Plagiarism** → Latin for 'kidnapper'. It is the act of using or passing off someone else's words as your own and it a serious & punishable offence!

To prevent plagiarism, we are required to write ideas in our own words and to cite where we found the information. This is called 'citing your sources'. A proper list of these sources is a bibliography.

Bibliography

Website - Generic example

Author. (Date of publication/posting – put 'n.d.' if no date found. Name of page.. Retrieval date from internet address.

Website - Specific example

Lederman, L. (n.d.). Topics in modern physics. Retrieved December 1, 2001, from www.ed.fnal.gov

Textbook – Generic example

Author (s). (Date of publication). Title of Book. Place of Publication. Publisher

Textbook – Specific example

** Let's do your textbook!



Planetary Data

Planet =

| | |
|------------------------------|--|
| Size (mass and diameter) | |
| Gravity (compare to Earth's) | |
| Atmosphere | |
| Temperature ranges | |
| Length of day | |
| Length of year | |
| Distance from Sun | |
| Distance from Earth | |
| Moons? If any, describe. | |
| Composition | |
| Weather (if any) | |

Based on your findings, “create”, describe, and draw an alien life form that could have developed under these conditions. Be sure to consider the following:

| Alien Data | |
|--|--|
| Body shape & size | |
| Body composition: limbs? Eyes? Etc.. | |
| Method of movement | |
| Diet | |
| Social Structure (i.e. families, alone, colonies) | |
| Housing | |
| Intelligence | |
| Technological development | |
| Life cycle | |
| Disposition (personality) | |