



Planet Profile



Over the next few days, you will be working in a group of to create a **Planet Profile** for one of the planets in our solar system. In this profile, your group will:

- Provide information about different aspects of your assigned planet.
- Explain why each of these aspects would or would not be conducive to life.

Be sure to consider several different topics when creating your Planet Profile, including:

- Temperature
- Weather patterns
- Planet surface and atmosphere
- Gravity
- Length of day/year
- Water
- Oxygen

After your group has researched your planet, you will create a Planet Profile power point presentation to share your findings with the class.

As each group presents their Planet Profiles, the class will seek to answer the following over-arching questions:

- What conditions must be present in order for life as we know it to exist?
- Would life be able to exist on any of the planets in our solar system besides Earth?

Planet Profile Project Expectations

- Each group member should participate in the research and the creation of the power point presentation.
- Your power point should contain:
 - Facts about your planet (including all of the examples listed on the previous page)
 - Explanations as to why each specific aspect of your planet would or would not be conducive to life
 - At least two links to websites with further information about your planet
 - Use several resources to gather your information, including websites, encyclopedias, your textbook, etc. List the resources you used at the end of your presentation.
- Name your presentation **planetprofname** (for example, planetprofearth), and save it in **parsons projects**.
- Your group will have **10 minutes** to present your Planet Profile to the class. Every group member should speak during the presentation.
- After your presentation, your group will have **5 minutes** to answer questions from the class. Each group member should also participate in answering the questions.
- As other groups present their Planet Profiles, your job is to:
 - Listen carefully
 - Take notes
 - Ask thoughtful questions
- After every group has presented their Planet Profile, there will be a test over basic information we have learned about the planets.

