

Final Exam info



- **Exam will consist of four parts:**

- Part 1: Multiple Choice Questions**

- Part 2: Questions based on images of solar system objects and phenomena**

- Part 3: Construct a flow-chart of your own (more details on next slide)**

- Part 4: Short-Answer Questions**

Exam question on flow charts: please prepare ahead of time!



- In class we looked at flow charts that describe factors influencing planetary surface geology.
- Draw your own flow chart describing factors influencing planetary atmospheres. Indicate with arrows and text labels how these factors interact with each other to determine the most important characteristics of the atmosphere.
- *Hint:* Factors you might include:
 - Planetary mass, surface gravity, rotation rate, distance from Sun, chemical composition, surface temperature, internal temperature, volcanism, greenhouse gases, cratering rate, temperature compared with the boiling or freezing point of water, presence of life.

A loose end: How to remember order of planets?



- **Mercury Venus Earth Mars (Asteroids) Jupiter Saturn Uranus Neptune (not Pluto)**
- **Mnemonic: a sentence with same first letters of words. Helps remember a list.**
- **Example with Pluto: My very eager mother just sent us nine pizzas!**
- **Extra credit: Come up with a new mnemonic.**
 - **Can start at either inside (Mercury) or outside (Neptune) of Solar System. (Starting at Neptune is worth a try....)**
 - **Nancy understood silly jokes after Mary explained very many**
- **Bring your candidates to the Final Exam**