

Who owns the Moon? -- Who on earth owns the moon? Is it the United States? The Russians? Is it Earthlings in general? Or does it belong to space? To nobody? What if we found deposits of resources worth billions of dollars? Who deserves to get rich? Why?

Classification Schemes -- Edwin Hubble classified galaxies based only on their appearance into three broad categories. Classify all the pieces of clothing being worn by all your group members. You can use type, material, color, size, age, function, or something else that you come up with. Be sure to use a classification scheme that adequately describes the collection. Clearly define each category.

***Definition of Life** – As a group, compose a paragraph everybody agrees with that defines life. It should clearly show that rocks are not alive and that plants are alive. According to your definition, is fire alive? Why?*

*E.T. -- If your group were appointed to “speak for Earth” upon communication with an extraterrestrial, what would your group say? Write your groups speech and annotate it with explanations of **why** you choose to say what you do.*

New Views of Mercury -- The craters on the Moon are named after great scientists and philosophers. As a group, propose new names for the 10 largest craters found on Mercury when its “other” side is imaged by a future Messenger Probe mission. Explain your reasoning in 2 sentences under your list.

Blasting Off – Astronauts, Cosmonauts (Russia), Taikonauts (China), Aptionauts (France), or Vyomanauts (India) must all feel a certain way before Being Sent to space. Imagine you were going to spend 3 months in space. How would you feel about the danger, the excitement, the homesickness, the nausea, the weightlessness, the hard work, the lack of privacy or no showers for months? What thoughts would be going through your minds as you were being strapped into your seats to prepare for liftoff?

