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We just finished watching a very interesting video entitled "*Life Beyond Earth*". Using the search for life in the solar system as a theme, it pulled together everything we've been studying this semester. **(1)** Form a *multi-gender* (half male, half female) discussion group of 4 to 5 people. **(2)** Engage in an intelligent, informed, and fun discussion of the following questions (you might wish to appoint a chairperson and secretary). You can use the laptop computers, if you'd like. **(3) Write up** your group's **detailed** responses ('how and why', not just 'yes or no'). Question 3 is the individual "quiz", so each of you needs to prepare something different. **(4)** At the end of tonight's lab, we will meet as a class you will share your thoughts with the rest of the class.

- 1) Given what we now know about life on Earth, the Earth as a planet, and the properties of other planets, satellites, and debris... Where else in the solar system should we concentrate our efforts in searching for life? What kind of scientific mission would be most likely to find life? Would you use people or robots? What kinds of experiments would you perform? How do we make sure we don't contaminate other worlds with Earth life, or does it matter?

- 2) Put some deep thought into this one. From a broader cultural and historical point of view, how important would it be if we discovered a) single-cell life on other worlds? b) intelligent life elsewhere in the universe? How do you think it would or should affect different parts of our society and culture?

- 3) At the end of the video, the narrator posed the question "What would you say?". Each of you should prepare and write up an individual response (tonight's quiz) to that question. Then as a group, select your favorite. When we come together as a class, we'll compare the group favorites.