

**Thursday February 2, 2012—Work Day 2**  
**Energy, Food and Water**

1. You should be finished with the Planet Description section with the exception of the Travel Time to Planet box and mostly done with the Colony Overview Section.
2. Today, complete the Travel Time to Planet using the Fastest Space Travel Speed document provided on the website and my Handout box. The New Horizon's Space Probe is the fastest thing out there so far, so use its maximum velocity for your calculation. I have provided its velocity in different units so that you do not have to convert—just use your planet's distance from the sun in the equation (choose the velocity with the same units as the ones listed for your planet's distance )
3. Watch the clip of 2001: A Space Odyssey. Listen to the Effects of Microgravity Mini-lecture before designing your colony.
4. Have group members look at the PowerPoints for (1) Gravity (2) Energy and (3) Food and Water before you begin today so you have a good idea how to proceed with your research. I will speak more about these topics in the coming days.
5. Work on these sections today...they take a lot more research and will be slower to fill in on the spreadsheet.
6. I will not accept my PowerPoints as your only source for these sections. Find additional documentation on the internet.
7. Your information needs to be scientific and in depth. I want you to understand what you are writing. Do some research. Get details, details, details. Do not copy and paste explanations into your spreadsheet.
8. Once you have read today's announcement come tell me the code phrase of the day.  
"You are my favorite teacher!"