Bio 1 Group – Bellringers & Exit Questions

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| Day | Bellringer | Exit Question |
| 1 | From where does the US currently get most of its oil? What are the tar sands? Do we still need to worry about energy supplies? | What is one new thought that you had today – or one new thing that you learned - about oil or fuel supplies or the carbon cycle? |
| 2 | Today we will be looking at the carbon cycle as it is now, in the 21st century. What do you predict the differences will be from what we saw yesterday (the carbon cycle before the Industrial Revolution)? | What different thoughts about US oil supply or fuel use or types of energy do you have today, compared to yesterday morning before we started talking about these issues? |
| 3 | How do plants get their mass (for example, where does the mass of a tree come from)? | What is one question that you still have about plant biomass or photosynthesis or carbon movement? |
| 4 | Please write down three questions you have on making biofuels from biomass. | What is one question that you still have about making biofuels from biomass? |
| 5 | Please describe, in four sentences or less, what you remember about photosynthesis and respiration. | In four sentences or less, please describe how the processes of photosynthesis and cellular respiration contribute to flow of energy through the biosphere. |
| 6 | What would be the characteristics of a “good” plant for biofuel production? | What information do you still need in order to make a recommendation about using community land to raise crops for biofuel production? |
| 7 | How will you collect the information that you still need to know to answer the Driving Question? | How do you feel about your progress so far toward answering the Driving Question? |
| 8 | What happens chemically when something burns? | What is one thing that you now know that you did NOT know when you walked in today? |
| 9 | Please write down what you learned from yesterday’s lab activity, in three sentences or less, and share that with your group members who did not do that particular activity. | Now how are you feeling about your progress? What do you still need to know? |
| 10 | Please describe, in four sentences or less, what you remember about enzymes and their activity. | How does what you learned today about enzymes apply to biofuel production? |
| 11 | Please write down your own idea about the answer to the Driving Question, along with three bullet points supporting your answer. | How ready do you feel to answer the Driving Question and present your results? |
| 12 | Please take 5 minutes to QUIETLY confer with your group members about any last minute preparations. | What is one thing that you now know that you did NOT know when you walked in today? |
| 13 | What is one question you still have for yesterday’s speakers? | What is one thing that you now know that you did NOT know when you walked in today? |
| 14 | What is one question you still have for yesterday’s speakers? | No exit question today (post-test given) |