**Energy Pipeline Journal:**

1. How much energy gets transferred up each level?
2. How are the calories distributed among the levels?
3. What are some of the ways energy is used up at each trophic level?
4. Where do plants acquire their energy?
5. Why were there no limits on the amount of energy given to them?
6. Where do plants acquire their matter?
7. How are plants limited in the real world?
8. How are calories used by plants?
9. What would happen to the number of bags needed for the entire system if the carnivore had been allowed to grow to full size? That is, how would the numbers have changed if the round had been allowed to continue until 10 calorie stones had accumulated in the carnivore group?
10. Why are food chains often short?
11. Could a lower trophic level pass all of its calories directly to a higher level?
12. What would be the consequences for the organism if it did pass all of its calories on to the next higher level?
13. Given the same initial amount of calories how could an organism transfer more calories to the next level and still survive?

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