Name _____

Eat or Be Eaten

Complete the game, Eat or Be Eaten, following the rules. While you are playing, pay attention to the causes and effects and patterns when creating the food chains. Try and make a chain that is larger than 4 cards long.

Part 1 - ADD YOUR POINTS

Chain 1 - Number of cards in the chain _____

If there are more than 4, add 2 points _____

Chain 2 - Number of cards in the chain _____

If there are more than 4, add 2 points _____

Chain 3 - Number of cards in the chain _____

If there are more than 4, add 2 points _____

Chain 4 - Number of cards in the chain _____

If there are more than 4, add 2 points _____

Chain 5 - Number of cards in the chain _____

If there are more than 4, add 2 points _____ ***Total Points*_____**

Part 2 - ACTIVITY QUESTIONS

1. How many different food chains were you able to build?
2. Look at your longest food chain. In the boxes below, write the names of the living things in that chain. Use this food chain to answer the remaining questions.

3. Do any of the living things in your chain produce its own food through photosynthesis? Which one? How do you know it produces its own food?

4. Do any of the living things in your food chain consume or eat another living thing? Which one? Is there more than one?

5. How did this activity show chemical energy moving from one living thing to another?

6. Look at your longest food chain. What is a possible cause that might effect this food chain? (what might happen if one thing disappeared) Support your answer with evidence.