Name_____

The Organization of Life
Introduction:

Biological Organization places all of known life into levels of categorization starting at the simplest of life; cells, to the complex interactions of all life on Earth known as the Biosphere. In today's activity you will construct a model of Biological Organization.

Materials

1 Envelope containing organization levels
Construction Paper
Scissors
Markers
Glue Sticks

Procedures

1. Gather Materials
2. Using the organization levels found in the envelope on the tables, make a concept chain connecting the images together in the correct order. Be sure to write how each image is connected to the ones next to it. (See Example)
3. Cut and glue down each each image to the construction paper provided.
4. Answer all of the questions under part 1.
5. There will be 15 minutes to complete all of part 1.
6. Once the 15 minutes are up, each group will present its concept chain and the class will complete part 2 together.

Part 1

1. What is the smallest unit of life? Why is it the smallest unit of life?

2. What are the two major groups of life found at the cellular level?

3. A group of cells working together form what?

4. Based on the pieces provided, what kind of tissue do you think you have?

5. What organ does your group have? Why is it important for the survival of your organism?

Name_____

6. What organ system does the organ your group has belong to?

7. What type of organism does your group have?

Part 2

8. Using your organism as an example, how would you determine its population?

9. What other organisms interact with your organism? What level of organization does this create?

10. How are populations and communities similar and different?

11. What is included in an ecosystem?

12. List three biotic and abiotic factors in your ecosystem.

Biotic	Abiotic
1.	1.
2.	2.
3.	3.