Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Honors biology

GVC 1- Ecology

Write your score for your first quiz under Form A. If you did not pass (80% or higher), then you must take Form B or Form C until you pass. Write your scores in the boxes for the quizzes you take.

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| ***GVC-***  ***Students will understand that living organisms interact with one another and their environment.*** |
| MASTERY QUIZZES | Learning Target | Form a | Form b | Form c |
| **1.1 a,b,c,d,e** | **I CAN** Arrange components of a food chain according to energy flow and compare energy amounts. Describe strategies used by organisms to balance the energy expended to obtain food to theenergy gained from the food.  |  |  |  |
| **1.2 a,b,c,d,e** | **I CAN** Use diagrams to trace the movement of matter through a cycle (i.e., carbon, oxygen, nitrogen, water) and explain how water is a limiting factor in various ecosystems. Distinguish between inference and evidence in an article that addresses an issue related to human impact on cycles of matter in an ecosystem and determine the bias in the article. Evaluate the impact of personal choices in relation to the cycling of matter within an ecosystem (e.g., impact of automobiles, landfills of processed and packaged foods).  |  |  |  |
| **1.3 a,b,c,d,e** | **I CAN**  Categorize relationships among living things. Formulate and test a hypothesis specific to the effect of changing one variable upon another in a small ecosystem. Use data to interpret interactions among biotic and abiotic factors and qualitative and quantitative data within an ecosystem. Research and evaluate local and global practices that affect ecosystems.  |  |  |  |
| **1.1-1.3** | ECOLOGY FINAL |  |