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 the  energy 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 |  | | |