Biotic Vs. Abiotic Poster

Instructions: You may choose 1 partner to work with on this project. Obtain a piece of construction paper from your teacher. Using magazines and/or newspapers cut out 10 pictures of things considered abiotic factors, and 10 things considered biotic factors. If there are no magazines or newspaper available, you may simply draw 10 abiotic factors and 10 biotic factors. You will then glue your biotic and abiotic factors down on your construction paper, and construct an ecosystem out of it. In other words, all of your biotic and abiotic factors must all be able to exist together in the real world. Once you have your biotic and abiotic factors glued, do the following:

* Color and fill in any other necessary components to bring your ecosystem together. (Ex. You might have to draw the ground, or some mountains in the distance, etc.)
* Label all of your abiotic factors “abiotic” and tell me what they are
* Label all of your biotic factors “biotic” and tell me what they are
* On the back of your ecosystem, explain in at least 4-5 sentences how the biotic factors affect or relate to the abiotic factors, and how the abiotic factors are necessary for the biotic factors to exist as well. Give as much detail as possible here. The more you explain, the better!

Rubric:

|  |  |  |
| --- | --- | --- |
| Requirement  | Points Possible  | Points Earned  |
| 10 Abiotic Factors Glued and Labeled  | 30 |  |
| 10 Biotic Factors Glued and Labeled  | 30 |  |
| Other components filled in as needed | 10 |  |
| 4-5 Sentences | 30 |  |

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