AP Biology: Unit 9 Biome Project

Directions:

1. Choose a biome from Chapter 50. My biome is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Create a model of your biome.
3. Include write up about your biome.

Model Requirements:

* At least FIVE abiotic factors represented.
* At least THREE animal and THREE non-animal species belonging to your biome represented.
* Extra Credit: Model is *edible*. (up to 5 points)

Write-up Questions:

* Explain how a global climate pattern (see Chapter 50) is responsible for the climate of your biome. (5 pts)
* Explain how the change in one (a)biotic factor would affect another (a)biotic factor. The cause and effect relationship should be specific. (10 pts)
* Identify a type of relationship that exists between two or more of your chosen organisms and describe how it affects each organism involved. (10 pts)
* Describe how humans have impacted your biome. (5 pts)

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|  | **Points (x3)** |
| **MODEL** | **5** | **4** | **3** | **2** | **1-0** |
| Content | All requirements met and accurate. | All requirements met. | Most requirements met. | Some requirements met. | Few or no requirements met. |
| Effort | Model is neat, thorough and creative. | Model is neat and creative. | Model is creative. | Model is simple/ lacks detail. Model is sloppy. | Model was clearly made without much thought. |
| Extra Credit | Model is entirely edible. Model tastes good. | Model is almost entirely edible. | Model is mostly edible. | Model has edible components. | Model does not have enough edible components. Components are not worth eating. |

GRADING RUBRIC