**Ecology Project Tic-Tac-Toe**

**Choose three activities to complete for your Ecology Project: You may choose any three projects going diagonally ( only) vertically ( ), or horizontally ( ) but must stay in that row.**

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| **Create a graphic organizer identifying the Forest Biomes and their characteristics, including climate, plants and animals, and a map showing location of the biomes.**  **(Ch. 6)** | **Create an ecosystem brochure. Choose an ecosystem. Include pictures representing all six kingdoms, the habitats of each, and relevant abiotic factors. Be sure to explain the role of the abiotic factors.**  **(Ch. 4)** | **Create a list of interview questions you would ask an environmentalist regarding the production of fertilizers and the impact they have on the environment and the nitrogen cycle. Include the responses they would give you on a separate sheet of paper.**  **(Ch. 5)** |
| **Create a chart depicting an ecosystem of your choice. Include information representing all six kingdoms, the habitats of each, and relevant abiotic factors. Be sure to explain the role of the abiotic factors.**  **(Ch. 4)** | **Illustrate and draw a comic strip using the vocabulary words from chapter 5 to show what you have learned about food webs and food chains.**  **(Ch. 5)** | **Find internet sources to write a newspaper advertisement to sell a home in one of the forest biomes. Provide important climate and local vegetation and wildlife information.**  **(Ch. 6)** |
| **Use Frayer models or make your own graphic organizers (2) using your vocabulary from chapter 5 to show what you have learned about primary succession and secondary succession.**  **(Ch. 5)** | **Choose a Forest Ecosystem to go on a camping vacation. Make a commercial promoting this dream vacation. Provide important climate information and sights to be seen (Plants, animals, etc.) (Ch. 6)** | **Create a poster showing an ecosystem of your choice. Include pictures representing all six kingdoms, the habitats of each, and relevant abiotic factors. Be sure to explain the role of the abiotic factors.(Ch. 4)** |

All of your work must be your **own original work**. **NO** *copying and pasting*, or *sharing work* with other students in this class period or any other Environmental Science Class.

Any copied or plagiarized assignments will result in a project grade of “0”. (Class 1 assignment!)