

# **TIC-TAC-TOE ECOLOGY**

**Teacher Name: Cheryl Tarnacki**

**School: White Lake Middle**

**Grade: 8<sup>th</sup>/science**

**Lesson Objective: SWBAT explain various concepts of the ecology unit defined by district curriculum and state objectives.**

**Type of Differentiation: Tic-Tac-Toe**

**Materials Needed: As needed depending on student choice**

**Before, During, and After Steps for teaching the lesson: This is a cumulative project to be assigned as homework AFTER completion of the Ecology Unit.**

**See Attachment Tic Tac Toe Worksheet**

**Plan for assessing: 10 points for each of the tic-tac-toe assignments (total 30 points). Must be Quality Work as defined by class.**

## Tic-Tac-Toe

You may choose your homework this week. In the Tic-Tac-Toe board, you will find components for the visual, tactile, and auditory learner. Simply choose a line (vertically, diagonally, or horizontally). 30 Points

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| <p>Create a poster that describes a complex food web. Identify at least three food chains, which are a part of the web. The food web must have a minimum of three producers, consumers and decomposers.</p> | <p>Create flashcards for the vocabulary words in Chapter 1 and Chapter 2. (Reviewing Key Terms)</p>  | <p>Create a demonstration for the class that describes several ways that humans effect the balance of our community. Use both point and non-point source pollution examples.</p> |
| <p>Complete the Chapter review for Chapter 1<br/>Page 42 all<br/>Page 43 chose any 5.</p> <p style="text-align: center;"><b>BE SURE TO EMBED!</b></p>   | <p style="text-align: center;"><b>YOUR CHOICE</b></p> <p>Think of your own way to demonstrate your understanding of the concepts in chapter 1.</p>   | <p>Write a letter to the editor of the Milford Times commenting on the deer harvest that took place at Kensington and the effects of the harvest today.</p>                      |
| <p>Write a haiku poem (format in back of class) that describes how ecosystems are interdependent on both living and non-living things.</p>  | <p>Read the article titled "Huge Tropical Forest in Peril: Many Species Face Extinction." Form teams to debate the destruction of the rainforest</p> | <p>Using magazines found in the back of the room, select an environmental topic and debate one of the point/counter points described in the article. Take a stand !!!!!</p>      |