**BISSNET TPS Project**

**Full Lesson Plan**

Teacher: MaryAnn Roll

Course: Living Environment

Grade Level: 9-10th grade

Date: August 6, 2014

**Lesson Title: Solving the Mystery of the Dying Honeybee**

**I. Lesson Objectives:** Students will be able to describe the impact on the food web when one species decreases.

**II. Lesson Context:** Ecology Unit. Key Words: Food Webs, Food Chains, Heterotrophs, Autotrophs

**III. Standards:**

**IV. Materials:** Projector, article,

**V. Anticipatory Set/ The Hook:**

1. Show students in small groups the picture of the full supermarket and have them develop questions
2. Have students choose the three most important questions that are open-ended
3. Show students the second picture of the supermarket with much less produce
4. Allow them to narrow the questions using the new picture



**VI. Procedures:**

1. Hook
2. Read article “If Bees go Extinct” using active reading strategies such as coding and bookmarking
3. Students create an infographic comparing the supermarket and food web with bees and without bees. (<http://piktochart.com/>)
4. Gallery walk of infographic

**VII. Conclusion:** The lesson ends with gallery walk of the students’ infographics

**VIII: Assessment:** Check for understanding throughout lesson, reading comprehension questions, discussion, and infographic.

**IX. Differentiation:**

* Have readings at various levels
* Allow students to choose their reading strategy
* Grouping of students
* Lesson includes multiple learning styles