GMO webquest

**Transgenic Manipulation**

1. Go to the following website: <http://tinyurl.com/2qgczu>
2. Read the intro paragraph. What is your task in this simulation?
3. Click Begin
4. Complete step 1. Then answer the question: What is a vector?
5. Click OK and then complete step 2. Answer the question: What does agrobacterium have the ability to do?
6. Complete step 3. Answer the question: Why do we want the agrobacterium cell to grow and divide?
7. Complete step 4. Why do we need to add a piece of a tomato’s plant leak to the petri dish with bacteria?
8. Complete step 5. What does the growth medium do?
9. Complete step 6. What is the purpose of spraying the cells with herbicide?
10. Complete step 7.
11. Complete step 8. How do you test to see if the tomato plant is resistant to caterpillars?

**Should we grow GM crops?**

Go to the following website: **tinyurl.com/b82le**

Read each text and then answer the question at the bottom of the page (based on what you now know, do you think we should grow GM crops?

As you read, select three of the most interesting piece of information and write them below:

1)

2)

3)

4) After reading all of the information, do you believe we should grow GM crops? Why or why not?