

Engineer a crop – Transgenic manipulation

Name _____

Go to www.teachersdomain.org - click on science then on life science. Click on Genetic engineering (under genetics and heredity). Now click on the title of this assignment.

1. What is your task in this activity?
2. Click begin and do what it says. What is a vector?
3. Click ok and do what it says. What does the Agrobacterium have the ability to do?
4. Click ok and do what it says. Soon there are a _____ or more copies of the bacterium.
5. Click ok and do what it says. What happens to the vectors DNA?
6. Click ok and do what it says. What happens as the plant cells multiply?
7. Click ok and do what it says. What are the only type of cells that survive?
8. Click ok and do that it says. Click ok again and do what it says. What happens if the tomato plant is resistant?