

Transgenic or GMO?: What is the Difference?

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Discussion questions to use in your class with Pop Science article:

1. Why do you think that people are concerned about GMOs?
2. Think about the foods that you eat on a daily basis.
 - a. What traits in these foods may be enhanced by genetic-modification (changing existing genes)?
 - b. What traits would require the use of transgenic technologies (inserting new genetic information)?
3. Assume that you work for a government regulatory agency.
 - a. What types of tests would you like to see done to ensure that these products are safe?
 - b. Assuming that the product passes the test, how would you communicate that to the public?
4. The world's population is expected to hit 9.7 billion by 2050. We will need new food sources to feed this population.
 - a. How might GMO and transgenic technologies help?
 - b. What regulations would you place on using these technologies?