

Course: Biology	Grade Level: 11/12
Type: Argumentative	Structure: Analysis
Teaching Task 2: Should industry continue to produce genetically modified crops for human use by utilizing genetic engineering? After reading several popular and scientific sources, write an essay that addresses the question and support your position with evidence from the text. Be sure to acknowledge competing views. Give examples from past or current events or issues to illustrate or clarify your position.	
Performance Level: Not Yet	

Genetic modification can affect people in different ways and possibly hurt them. By putting foreign genes in different foods people can get very sick or possibly even die. Bioengineering should no longer be continued for crops destined for human consumption.

One health concern is, allergies. Allergic reactions from the introduction of foreign genes are possible. Specific proteins in milk, eggs, wheat, fish, peanuts, soybeans and selfish cause of 90% of food allergies.(paragraph 16 Jones) If one of these genes for a protein from that source is placed into an unlabelled food, people could consume it accidentally and these people could have a allegoric reaction that could be deadly.(Schneider and Schneider 2009).

People are concerned over the safety of their food. One fact that they should know is that 60 to 70% of our food is currently or has been genetically modified. Also, they must be thoroughly tested before they are put on the market for sale. Genetic modification can be used to assist food manufactures and to improve on storage capacity or nutritional value of foods.

Genetic modification can be bioengineered to contain more nutrients, be pesticide resistant, or reduce the presence of allergens. The future of human race depends on bioengineered food so it should be continued. Genetic modifications have been working in effect for over a thousand years. Now by bioengineering food the industry could help solve the hunger problems in the world.

In conclusion, the industry should not continue genetic modification through bioengineering. By putting foreign genes in different foods people can get very sick or even die. Another thing is, a lot of people could have allergic reactions. Therefore, they should stop the production of genetically modified foods.

Annotation		
Focus	1	The essay attempts to address the prompt but not include all aspects of the required task. The writer superficially addresses competing viewpoints (e.g., nutrients, pesticide-resistance, and reducing the presence of allergens). There are no examples from past or present events or issues to clarify the position.
Reading/Research	1	The writer refers to reading materials only in paragraph two of the essay, which mentions allergies as a health concern of genetically modified crops. The writer does not cite some of the scientific evidence. The variety of sources cited is limited and does not reflect an adequate use of the available resources.
Controlling Idea	1	The writer establishes a claim in the last sentence of the first paragraph: <i>Bioengineering should no longer be continued for crops destined for human consumption.</i> However, in the fourth paragraph, the writer contradicts the original idea: <i>The future of human race depends on bioengineered food so it should be continued.</i>
Development	1	The writer provides insufficient support of the two points made about health concerns and food safety but does not elaborate on how genetic modification contributes to this: <i>One health concern is, allergies.</i> The writer does not fully address how genetically modified foods are tested or significant safety concerns: <i>People are concerned over the safety of their food.</i>
Organization	1	The writer uses the five-paragraph essay format but lacks transitions both within and between paragraphs. The format does not enhance the presentation of the information.
Conventions	2	The essay contains some spelling and punctuation errors: “selfish” for “shellfish” and “allegoric” for “allergic”. The tone used in writing the counterclaims seems superficial rather than convincing. Parenthetical citations and a bibliography or works cited should be included in order to avoid plagiarism and lend credibility to the essay.
Content Understanding	1	The writer demonstrates a weak understanding of the content. The points made show little more than a surface understanding of the implications of using genetically modified crops.

This student would benefit from feedback, discussion, and/or instruction in the following areas:

- Selection of examples that are relevant to the thesis
- Development of ideas that convey a convincing and purposeful argument
- Bibliography and parenthetical citations