**Name \_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_\_**

**Lesson Title: Genetically Modified Foods (Honors)**

Student objectives: Students will assess and evaluate the utilization of genetically modified organisms by the food industry.

Essential standards: 3.3.2 Summarize how transgenic organisms are engineered to benefit society.

**Check off each task as you complete it.**

\_\_\_\_\_ **Part One: Opener…..Complete this sentence…**

 **“My thoughts about GMO’s are……”**

**\_\_\_\_\_ Part Two: Watch a video about a particular aspect of GMOs and gather facts.**

Title of Video\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**List statements from the video that would help answer the question: “Should GMOs be used?” Only list facts, rather than opinions.**

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 **List of Facts**

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**\_\_\_\_\_ PartThree: Define/ describe what GMOs are. Give examples.**

\_\_\_\_\_ **Part Four:** **Gathering MORE facts to form your opinion.**

Watch videos about the pros and cons of GMOs. List facts below from the videos that help you organize your thoughts.

1. Video Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **List of Facts** **Pro or Con?**

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1. Video Name:­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **List of Facts** **Pro or Con?**

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**OVER**

1. Video Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **List of Facts** **Pro or Con?**

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\_\_\_\_\_ **Part Five:** Form your conclusion summary about GMOs from the data you have gathered. Write at least two paragraphs explaining your opinion… be sure to give examples from your data above.

**Assessment and Follow up activity….**

Students should combine the class data on a spreadsheet and as a class create a graph that shows the responses to the above questions.

Have students form groups of 3-4 students of those who have similar viewpoints.  Each group should make a 60 second Public Service Announcement video, Billboard poster or pamphlet with a catchy slogan, that shows your view on the Genetically Modified Organism debate.

Students should complete the “After our debate, my thought are . .part of the graphic organizer using complete sentences.

Finally, students should summarize how genetically modified organisms are used to benefit society in the final block of the graphic organizer.

