

## Controversies in Genetics

Modern technology has created amazing achievements. Scientists are attempting to solve problems that have plagued humanity since the dawn of time. Genetic diseases, faulty organs, and unsolvable crimes could become a problem of the past. But as technology has advanced, so have questions of ethics, morals, and privacy. You are a group of investigative journalists, uncovering the truth--the good and the bad--of genetic technology.

You will do the following:

- Research one of the following topics: *Cloning, Genetically Modified Organisms (GMOs), Gene Therapy, Growing Human Organs, Modifying Viruses to Fight Diseases, DNA Profiling*
- Create a 3-4 minute newsreel (presentation) that covers the basic information of your topic
  - What is it? What is the need? How does it work? What are some pros/cons?
  - Include examples, real life stories, and photos to illustrate your topic
  - Provide 1 or 2 major sources for other journalists in a works cited page

Groups will have 2 or 3 members. Each journalist in your group will take on a specific role. All group members will participate in the research and making the presentation, but with a specific focus. Group tasks are:

- Presenter: Takes on the role of lead presenter during newsreel
- Researcher: Identifies acceptable sources and information
- Sourcer: Writes down all sources for a bibliography

Your Topic: \_\_\_\_\_

Journalist Team Members: \_\_\_\_\_

Provide responses for the following on a separate sheet of paper. Use this research to develop your newsreel.

1. What is the need for topic? Why are scientists researching it? Be detailed.
2. What is it? Provide an explanation of what the process is?
3. How does the process work?
4. What is the future goal of scientists researching this process?
5. Who is researching this topic?
6. What are the basic pros/cons of your topic?

## Controversies in Genetics Note Sheet

**Presentation Topic:**

What is it?

How does it work?

Pros

Cons

Sources:

**Presentation Topic:**

What is it?

How does it work?

Pros

Cons

Sources:

**Presentation Topic:**

What is it?

How does it work?

Pros	Cons
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Sources:

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What is it?

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Sources:

**Presentation Topic:**

What is it?

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Pros	Cons
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Sources: