Honors Biology Bioethics Project

Name ____

This project will count for 2 summative grades. This project has 2 main components:

Research paper component 1st Summative grade

2nd Summative grade

Creative presentation component Research Component Instructions

- 1. Select a bioethics topic from the following choices**:
 - a. Stem cell research- where should medicine draw the line?
 - b. Genetically modified foods: Good or Bad?
 - c. Genetically modified animals: Good or Bad?
 - d. Genetic Testing by governments: Should it be allowed?
 - e. Off shore drilling: Good or Bad?
 - f. Cloning: Good, Bad, or just where should we draw the line?
 - g. Designer Genes: should parents be allowed to select genetic patterns or traits for their babies
 - h. Animal testing to develop new medicines: Should it continue?
 - i. Animal Dissection in High School should it continue?
 - j. Euthanasia in Animal Shelters
 - k. Have another issue in mind? GET IT APPROVED BEFORE YOU PROCEED !!

***GET THIS CHOICE APPROVED BY THE INSTRUCTOR. IF YOU DO NOT GET

PERMISSION FOR YOUR TOPIC, YOU MAY LOSE POINTS ON THE FINAL PAPER!!

- 2. Research this topic.
 - a. You must find out the FACTS, first. Define the topic, describe the extent of the topic, and maybe you will need to narrow the topic to only the United States, should a discussion of current laws become a problem in doing your research.

ALSO: describe any specific technology used in this topic. Ex. If you are researching the pros and cons of cloning, explain not only WHAT cloning is, but HOW it is accomplished.

b. Next, you MUST research both sides of the issue, both pros and cons.

-Who is in favor of the technology and/or practice continuing or even advancing further? Why do they favor this – how does it benefit mankind?

-Who is opposed to the practice and why? How do they think it is hurting mankind?

- 3. Write a paper from your research that includes:
 - a. Why you chose this topic
 - b. A full description of the topic: a definition of what the process is, any laws governing the process, etc. ***Be sure to cite sources of your information in the body of the paper, in MLA format.
 - c. Present both sides of the issue:
 - -Who is in favor of the technology and/or practice continuing or even advancing further? Why do they favor this – how does it benefit mankind?

-Who is opposed to the practice and why? How do they think it is hurting mankind?

d. Give your opinion of the topic: Do you think the process should continue? If so, why? If not, why not? Or do you think the current practices should be modified in some way to protect someone or something? Explain how you think that might be done.

e. Include a reference (bibliography) page in MLA format with URL's for websites (minimum of 6 sources, and **at least 1 must not be Internet**!)

f. Paper Mechanics: Your paper must be:

- 1. Times New Roman Font, size 10 or 12, double spaced
- 2. 5 6 pages long (body of paper) (Title page, Table of Contents and Reference page do not count in this 5-6 pages)
- 3. Include a separate Title page (Title of project, your name, class name and period, date)
- 4. Include a separate Table of Contents identify where each main component is located in the body of your paper.
- 5. Include a separate reference page in proper MLA format, with URL's for websites used and that has your entries in alphabetical order. (See me if you do not know how to do this!)

THIS PROJECT COUNTS AS THE 2ND 57% SUMMATIVE GRADE FOR YOUR RESEARCH PROJECT!!!!

INSTRUCTIONS

- 1. Pick <u>one</u> of the following creative projects to complete for a grade, **based on the topic you researched for your paper**.
- 2. Each choice has its own rubric, which you can access from Ms. Jenkins webpage.
- 3. Project Choices:
 - a. Documentary DVD See Rubric link on Ms. Jenkins' webpage
 - 1. Write a script for a documentary that will portray a brief summary of the topic AND show both sides of the issue.
 - 2. Record the documentary using whatever props and/or "actors" you need to act out your script.
 - 3. Turn in the script and the DVD turned with your written report. ****Note: If you burn a DVD, it must open for viewing on the teacher's computer. I suggest PowerDVD.**
 - 4. The DVD must have a colorful, appropriate cover on it.

b. Trifold Backboard Display – See Rubric link on Ms. Jenkins webpage

- It should be:
- a. Colorful
- b. Attention grabbing
- c. Well-planned out

d. Contain colorful illustrations* as well as descriptions of what the topic involves, as well as both the pros and cons

*Illustrations must be properly referenced using MLA format.

e. Contents should also include a bold and large overlying title, and main areas of information about the bioethical issue highlighted

DO NOT JUST CHOP UP YOUR PAPER AND PUT IT ON A BACKBOARD!!! BULLETED LISTS ARE A MUCH BETTER IDEA, FOR EXAMPLE.

 f. Caution: You should only present the facts on this presentation board, but try to make the issue as understandable as possible, and give fair time to both sides of the issue.
 DO NOT PUT YOUR OPINION ON THIS BACKBOARD!!! It is supposed to be informative, NOT propaganda.

Your Idea? If you have a better idea of a project you would like to do, on you chosen topic, write up a proposal to give to the teacher. Wait for approval before you begin, and if not approved, you must pick from choices a. through d. above. By the way, I will not approve a Power point idea, so you will need to pick some other style if you want me to consider it.

Grading Rubric for Bioethics Research Paper

| Горіс | | Points Possible | Your Points |
|-------|---|---------------------------|-------------|
| 1. | Paper Mechanics: Your paper must be: a. Times New Roman Font, size 10 or 12, double-spaced | (25) 3 | |
| | b. 5 – 6 pages long (body of paper) (Table of Contents and Reference page do not count in this 5 | 6 5-6 pages) | |
| | c. Include a separate Title page (Title of project, name, class, d | late) 3 | |
| | d. Include a separate Table of Contents – identify where each main component is located in the body of your paper. | 3 | |
| | e. Include a separate reference page in proper MLA format, with URL's for websites used, and that has your entries Must have a minimum of 6 sources with at least 1 NOT from the Internet. | 10 in alphabetical ore | der |
| 2. | Information in Report a. Why you chose this topic (1 paragraph) | (75) 5 | |
| | | 5 | |
| | b. *Facts about the topic: definition of the topic, current laws, how the process is done. | 30 | |
| | c. *Pros of the topic: why do it, who supports it, benefits? | 15 | |
| | d. *Cons of the topic: why not do it, who opposes it, possible ha | arms? 15 | |
| | ***Note: You must cite sources in MLA Format in these 3 s Otherwise, you will lose 10 points from this section of the pa | | |
| | e. Your opinion about the topic, well thought out and explained | l 10 | |
| | Total | 100 | |

Name _____

TITLE OF PROJECT

| CATEGORY | 20 | 16 | 12 | 8 | 4 | TOTALS |
|---|---|--|--|---|--|--------|
| Required Elements* Definition of topic, description of current laws, Pro side Con side | The backboard includes all required elements as well as factual additional information. | All required elements are included on the backboard. | Five of the six required elements are Included on the backboard. | Four of the six required elements are included on the backboard. | Three or less required elements are included on the backboard. | |
| Labels | All items of importance on the backboard are clearly labeled with labels that can be read from at least 2 feet away. | Almost all items of importance on the backboard are clearly labeled with labels that can be read from at least 2 feet away. | Many items of importance on the backboard are clearly labeled with labels that can be read from at least 2 feet away. | Labels are too small to view from 2 feet away. | No important items are labeled. | |
| Illustrations- Relevance | All illustrations are related to the topic and make it easier to understand. All borrowed illustrations have a source citation. | All illustrations are related to the topic and most make it easier to understand. All borrowed illustrations have a source citation. | All illustrations relate to the topic. Most borrowed illustrations have a source citation. | There are illustrations that do not relate to the topic OR there are several borrowed illustrations without a source citation. | Most illustrations do not relate to the topic OR no borrowed illustrations have a source citation. | |
| Attractiveness | The backboard is exceptionally attractive in terms of design, layout, and neatness. | The backboard is attractive in terms of design, layout, and neatness. | The backboard is acceptably attractive though it may be a bit messy. | The backboard is poorly designed. It is not attractive. | The backboard is distractingly messy and poorly designed. | |
| Grammar | There are no spelling or grammatical errors on the backboard. | There are one or two spelling or grammatical errors on the backboard. | There are three to four spelling or grammatical errors on the backboard. | There are five spelling or grammatical errors on the backboard. | There are more than five spelling or grammatical errors on the backboard. | |
| | | | | | TOTAL POINTS YOU HAVE EARNED (100 points maximum) | |

| Bioethics Documentary | Video Instructions | and Grading Rubric |
|------------------------------|---------------------------|--------------------|
| ** This rubric must be t | turned in with the r | project!! |

Name ______ Title _____

A. Instructions:

- 1. Write a script for a documentary that will portray a brief summary of the bioethics topic and also show both sides of the issue, both pro and con.
- 2. Videotape or otherwise record the documentary using whatever props and/or "actors" you need to act out your script
- **3.** Turn in the script and the videotape (or burn a DVD from the videotape) to be turned in with your written report.
- 4. The DVD must have a colorful, appropriate cover on it.

B. Grading Rubric Topic

| Горіс | Po | oints Possible | Your points |
|--|-----------------------------|----------------|-------------|
| 1. Script a. Typed (10) | | 25 | |
| b. Well organized chronological sequen | nce of events (10) | | |
| c. Uses a creative approach to telling th | e story researched (5) | | |
| 2. Videotape a. Creative props used to convey the | e story (15) | 60 | |
| b. "Actors" help the viewer follow t | he story of the discovery (| 20) | |
| c. Videotape/DVD is complete and contributions & our current | | | |
| d. If a DVD is used, it can be opene If it cannot be opened, then it ca | - | er. | |
| 3. Video/DVD cover | | 15 | |
| a. Cover title conveys what the vide | otape/DVD is about (5) | | |
| b. Cover is creative, colorful, and sp to view the contents of the tape | | | |
| | Total Points | 100 | |
| | | | |

Comments: