

Debate
THE ETHICS OF DRONES

Background:
In this debate, you will be asked to study a particular topic, and critically analyze the impacts and interrelationships of history, culture, politics, science, technology. There are no correct opinions just ill-supported ones.

- Research your topic using resources from class and from outside of class.
- Write out relevant facts and statistics.
- Structure your arguments.
- Back up your arguments with evidence-based explanations (science, technology, history, culture, politics).
- Prepare a case for both pro and con sides.

Format:
Two teams will be formed. The two teams debating are called the "Affirmative" or "Preparation" and the "Negative" or "Opposition." The Affirmative Team agrees with the topic and presents arguments supported by evidence to demonstrate the truth of the topic. The Negative Team disagrees with the topic and presents arguments supported by evidence to disprove the truth of the topic. Each team has the goal of convincing the judge and the audience that their side of the topic is correct. The speakers are encouraged not only to put forth new points in their speaking time, but also to respond to points raised by the previous speakers. Each debate will involve two teams of 3 people and will last roughly 15-20 minutes.

Debate Structure

- Affirmative Speaker(s) (3-4 minutes)
 - Negative Speaker(s) (3-4 minutes) — *starting - ME!!*
 - Cross Examination (4-5 minutes)
 - o Each team will be given 2 minutes to prepare questions for the opposing team.
 - o For each question, the responding team must respond and disprove the opposing team's claim.
 - o The Negative Speakers will be asked their questions first since they presented their argument second.
 - Audience Questions (2-3 minutes)
 - o The audience will ask 1 question of each side. Each side will be given one minute to respond.
 - Closing Statements (2 minutes)
 - o Each team will be given 2 minutes to provide evidence as to why their argument should "win."
- 10:50 - ME!!*

Debate Topics:

- The development of new drone technologies is necessary for the U.S. to achieve commercial growth.
- The development of new drone technologies is necessary for U.S. security.

- Economist predicts that drones can replace \$127 billion worth of human labor
- jobs that relies on human vision/judgment is hard to reach. Tasks are being replaced with drones
- they are an annoyance since they are extremely loud.
- they cause privacy issues especially in California.

Part II: Debate Research

Your group will not know which of the above debate topics you will be given. In addition, you will not know if you need to debate the affirmative or negative side. Therefore it is in your best interest to find as many sources as possible.

Topic 1: The development of new drone technologies is necessary for the U.S. to achieve commercial growth.

Pro	Con
	Privacy issues/spy - hacking - people can lose jobs - air space issues - there needs to be extensive training - little battery life - drones not drop packages

Possible Questions to ask other group:

- not safe
- they are very loud

Topic 2: The development of new drone technologies is necessary for U.S. security.

Pro	Con

Possible Questions to ask other group:

SOCRATIC SEMINAR TOPIC:

THE ETHICS OF DRONES

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Deliberation Question: Is it ethical to use drones?**Initial Thoughts:** Before you start your research, write your response to the question as of this moment.

Make sure you thoroughly explain your position:

I believe drones are ethical, because they can increase safety, and efficiently in many jobs. There are more pros than there are cons.

Part I (20 points)

Watch the video on drones posted to the class website.

Background - According to the video, provide a summary regarding the uses of drones and how they are regulated. The video was praising drones showing little to no flaws with the drones themselves. The video displayed how drones can be used to make dangerous jobs far safer. It also displayed how jobs, such as farming, can be far more efficient through the use of drones. There doesn't seem to be any regulations for the civilian use of drones.

Describe the PRO's of Drone's (give at least 3)	Describe the CON's of drone's (give at least 3)
<ul style="list-style-type: none"> - Military drones can be used to not put soldiers in harms way. - can be used to help farmers - can be used for cinematography and photography 	<ul style="list-style-type: none"> - They can't be used for delivery services in dense areas - There can be a privacy issue with them - People can possibly lose jobs.

Name: Alan Lopez per. 2

Part II (20 points)

Find 2 articles related to the use of drones. One article should lean toward the PRO side and the other in favor of the CON side. Be sure that the source is reliable, scholarly, and supported by facts.

Write down your sources and title:

PRO: www.uav-air.com, How your business can benefit from Drones.

CON: www.workplaceethicsadvise.com, Legal and Ethical Concerns of Commercial Drone Use

Describe at least 3 evidences/arguments cited by each article regarding the PRO's or CON's of drone's (If you need more space, staple additional papers to this handout.)

- There are Privacy

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Part III - Reflection after our Socratic Seminar (10 points)

1. What did I decide (regarding the deliberation question) and why? Did I change my original position? If so, what made me change this position?

I was against the commercial use of drones since it was assigned. I'm actually for drones but for the sake of the socratic seminar I stood my ground and didn't change my mind.

2. What did someone else say or do that was particularly helpful?

NICK explaining that drones should help us, not replace us, was helpful since I was focusing on job loss and the loss of money for human labor.

3. Of all the arguments presented, which of the articles or evidences was the most compelling to you? Explain your answer. Include why this resonated with you.

The article from Business Insider explaining that drones could possibly replace \$127 billion worth of human labor. This is an article from the negative argument that resonates with me because these predictions doesn't seem like science fiction anymore.

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