Name:
Class Period:
Submitting for:

Public Forum Case Outline-Contentions only

I. Introduction
A. NEG: Vivian and I negate the resolution, resolved: In the United States, the benefits of generative artificial intelligence in education outweigh the harms.
B. Definitions
1. Generative Artificial Intelligence
a) https://cloud.google.com/use-cases/generative-ai
b) Generative AI or generative artificial intelligence refers to the use of AI to create new content, like text, images, music, audio, and videos.
2. Education
a) https://www.dictionary.com/browse/education
b) the act or process of imparting or acquiring general knowledge, developing the powers of reasoning and judgment, and generally of preparing oneself or others intellectually for mature life.
C. Framework N/A
D. Observation N/A

II. Contention 1: Bias
A. Claim: gen AI has bias, leads to decreased participation in society
B. Warrant
1. Card #1
a) Tag: gen AI risks even more separation
b) Summary: gen AI builds on top of current stereotypes
c) MLA: Nicoletti, Leonardo. Bass, Dina. "Humans are biased. Generative AI is even worse." Jun 9, 2023. Bloomberg. https://www.bloomberg.com/graphics/2023-generative-ai -bias/
2. Card #2
a) Tag: Risks of Artificial Intelligence (AI) in Medicine
b) Summary: Minorities may be misrepresented; algorithms are biased leading to data poisoning.
c) MLA: Siafakas, Nikolaos, and Eirini Vasarmidi. "Risks of Artificial Intelligence (AI) in Medicine." Pneumon, E.U. European Publishing, 6 Sept. 2024,

www.pneumon.org/Risks-of-Artificial-Intelligence-AI-in-Medicine,191736,0,2.html.

    C. Impact: Biased AI leads to increased polarization between marginalized communities, misrepresented data leads to data poisoning reducing accuracy and reliability.

III. Contention 2: Deepfakes
    A. Claim: Deepfakes harm scientific research
    B. Warrant
        1. Card #1
            a) Tag: Affirming worsens the squo
            b) Summary: Trust is already abused in the absence of deepfakes (10k papers in 2023 removed for fraudulent content)
            c) MLA: Erduran, Sibel. "Deepfakes and students' deep learning: A harmonious pair in science?" Aug 29, 2024. Science. https://www.science.org/doi/10.1126/science.adr8354
        2. Card #2
            a) How are deepfakes dangerous?
            b) Summary: Creates misinformation about issues through the development of digitally altered videos/images, fueling unethical actions.
            c) MLA: Britt, Kaeli. "How Are Deepfakes Dangerous?" University of Nevada, Reno, University of Nevada, Reno, 31 Mar. 2023, www.unr.edu/nevada-today/news/2023/atp-deepfakes.
    C. Impact: Lack of scientific progress stifles creativity and hinders progress

IV. Conclusion
    A. Main Voters
        1. Bias from gen AI leads to a wider achievement gap
        2. Gen AI creates deepfakes, which thus
            a) Spread misinformation
            b) Threatens scientific integrity
    B. Ballot Decision: Thus, I urge a negative ballot.