

Activity

Create a Mitigation Awareness Video

Learning Objectives

Students will work together to design and film public-facing awareness videos regarding greenhouse gas emissions and opportunities for greenhouse gas mitigation.

Length

One 60-90 minute class period

Materials

[How to Lower Energy-Sector Emissions](#)



[How to Lower Transportation-Sector Emissions](#)



[How to Lower Industry-Sector Emissions](#)



[How to Lower Buildings-Sector Emissions](#)



[How to Lower Agriculture and Land-Use Emissions](#)



[Activity Slides](#)



Instructional Plan

1. (5 min) - Begin class session with a class discussion of the major themes and keywords from the above readings.
2. (2 min) - Sort students into five groups based on the major greenhouse gas-emitting sectors: Industry, Buildings, Energy, Transportation, and Agriculture and Land Use.
3. (10 min) - Working in their assigned small groups, have students use the readings to answer questions about their assigned sector (questions in attached slides).
4. (5 min) - Call students back together as a full class and lead a brief discussion about climate education, the need for solution-oriented resources, and the potential of social media for climate education.
5. (20 min) - Have students return to small groups to create a storyboard and script for a 60-second TikTok video intended to raise awareness about their assigned sector and the possibilities for reducing the sector's greenhouse gas emissions
6. (10 min) - Provide students the opportunity to film and edit their TikTok videos. The instructor should emphasize that quality is key in this activity - all videos will be screened in class.
7. (3 min) - Once videos are completed, have students share links to their videos with their instructor via email.
8. (10 min, or at beginning of next class) - Host a "live screening" of the different videos, giving each group the chance to explain their video and answer classmates' questions.

Note:

1. If your college or university system has restricted network access to TikTok, you might offer students the chance to either film a regular video or create an awareness post for a separate social media platform (i.e., Instagram reel, YouTube advertisement, etc.)