Let's Design a Cleaner City

TECHNICAL OVERVIEW

This is a 75-minute long, interactive program run through a virtual meeting software (Teams or Zoom), and two interactive webpages. Here is an overview of the program from the perspective of the digital technology we'll be using. Please read through it carefully and make sure you and your class will be able to complete each step. While you may need to assist students with some of these steps, clear instructions for the students are built into the program.

- Prior to the program, you will be asked to watch an 11-minute animated video with your students, and have a brief discussion.
- The program begins with students connecting to the FRDC educator through a virtual meeting (Teams or Zoom). This can be done either as a whole class, with the meeting projected for everyone to see and hear. Or it can be done individually by students on their own devices, either in the classroom or at home for fully online classes. Either way, students need to be able to at least hear the FRDC educator throughout the program.
- Students will then join an interactive presentation through Nearpod.com. Students will need to click a link to take them to this webpage and enter their name (or a nickname if you prefer to have them anonymous). This link can be sent through the meeting chat, or by the teacher ahead of time. Students will view a presentation, as well as participate in online activities through Nearpod.
- On a Nearpod slide, students will be asked to click a link which will take them to another webpage, where they will use a click-and-drag map to design their city.
- After designing their city, students will assess their design using a worksheet, which they will need to fill out.
- Once the questions are complete, students will get into pairs to share their design with a partner.
- Students will then have a few minutes to return to the webpage with the map on it to make revisions.
- The program will end with a few final slides on Nearpod, so students will need to navigate back to that webpage. If they are unable to, they at least need to be able to hear the FRDC educator.
- Throughout the program, students need to be able to ask questions. This can be done by the students themselves typing into the chat, or by the teacher either typing questions into the chat or by asking through the microphone.