

Lesson Two: What are the Key Types of Infrastructure in Our Community and the United States Today?

1. **Brainstorm Activity:** The goal here is to open students' eyes to the many kinds of infrastructure that impact their lives every day. Begin the segment by dividing the class into either pairs or small groups. Then pass out Infrastructure Worksheet #1. After going over the definition of infrastructure, ask the student groups to write down a list of 5 to 10 different examples of infrastructure that are important in their community. If students seem baffled at first with the assignment, give them two or three examples such as garbage collection, telephone networks, and roads, to prime their pumps. After a few minutes for brainstorming, ask for ideas from all the groups to see if you can create a quick list of ten or more examples.

2. **Organize Brainstorm Ideas:** Pass out Types of Infrastructure Worksheet #2 which lists one important type of infrastructure, Water Management, with specific examples, and five blank spaces for listing other types of infrastructure. After going over the examples for Water Management ask the groups to try to identify and list five other major types of infrastructure and list two or three examples for each one they list. In a few minutes, ask the groups to share the five types that they identified and as well as examples that they listed. Do not be too concerned about what students come up with or lack because you will be filling in information later.

3. **Bingo Break:** Pass out the Bingo Activity and give students a couple minutes to fill out their Bingo cards. Then read the names of the eight types of infrastructure from the completed Completed Types of Infrastructure Handout, one at a time, until someone calls BINGO.

4. **Completed Infrastructure Handout:** Distribute the handout and go over the different types and examples one at a time. You might encourage students to place an X on their Types of Infrastructure Worksheet #2 for any types or examples that match what is on the Completed Types of Infrastructure Handout.

5. **Lesson Conclusion:** Conclude the lesson by facilitating a discussion on how different types of infrastructure impact student lives. The goal here is to flush out more of the personal impact of infrastructure.

Questions to consider using include:

- Which of these infrastructures could you more easily get along without?
- Which of these infrastructures are most important for our community?
- What is the current condition of our local infrastructure?