

Reading and Vocabulary Activities

_ A Career with a Future

1. **What is one potential career opportunity in civil engineering?**
 - A. Designing buildings
 - B. Managing traffic congestion
 - C. Developing community plans
 - D. All of the above

2. **How has technology impacted civil engineering?**
 - A. It has increased the demand for civil engineers
 - B. It has eliminated the need for construction workers
 - C. It has made it more difficult to solve environmental problems
 - D. It has made it easier to design structures

3. **How does civil engineering contribute to advancing civilization?**
 - A. By improving quality of life
 - B. By creating impossible structures
 - C. By using the latest technology
 - D. By solving environmental problems

4. **Which of the following is NOT a type of project that civil engineers work on?**
 - A. Power plants
 - B. Spacecrafts
 - C. Bridges
 - D. Airports

5. **What is one challenge that civil engineers face in the present that they did not face in the past?**
 - A. Lack of technology
 - B. Earthquakes
 - C. Pollution
 - D. Traffic congestion

6. **How can civil engineers address environmental concerns in their projects?**
 - A. By focusing on community development
 - B. By building more structures
 - C. By ignoring them
 - D. By using the latest technology

7. **What is the main responsibility of a civil engineer?**
 - A. Designing buildings
 - B. Supervising construction
 - C. Managing traffic congestion
 - D. Developing community plans

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Fill in the gaps with the appropriate words or terms from the list below:

standards of living, flood, water treatment and distribution facilities, sophisticated technology, urban redevelopment, traffic congestion, earthquake, face the challenge, facilities, infrastructure

1. In order to improve _____, cities often invest in projects that enhance housing, healthcare, and education.
2. Modern cities require well-developed _____ to support the needs of their growing populations, including hospitals, schools, and transportation systems.
3. The implementation of advanced _____ has greatly improved the efficiency of waste management systems in many urban areas.
4. The aging _____ in some cities can pose significant challenges, leading to the need for extensive repairs and upgrades.
5. After the devastating _____ last year, the city invested in improved drainage systems to mitigate future water-related disasters.
6. _____ is a key aspect of urban planning, aiming to transform and revitalize existing urban areas to meet contemporary needs and standards.
7. Cities with poor _____ may struggle to provide clean and safe drinking water to their residents.
8. _____ is a persistent issue in many metropolitan areas, often requiring innovative solutions such as public transportation improvements and congestion pricing.
9. Some cities, especially those located in seismic zones, must prepare for the possibility of a major _____ by implementing strict building codes and emergency response plans.
10. As cities grow and evolve, they must constantly _____ of balancing development with sustainability and the well-being of their residents.