

# High School STEM Activity

**Topic:** Smart City Technology

## ***Objective***

Students explore concepts and design solutions related to smart city technology.

## ***Materials***

- Laptop or tablet
- Internet access
- Notebook
- Chart paper
- Markers

## ***Procedure***

1. Introduce the concept of smart city technology.
2. Discuss real-world applications.
3. Identify problems to solve.
4. Design a model or system.
5. Present and explain solutions.

## ***Observation / Notes***

Observation/Idea	Notes

## ***Discussion Questions***

- Why is smart city technology important?
- What problems does it solve?
- How can technology improve it?
- What careers use this field?

## ***Extension Activity***

Design a project related to smart city technology and present your solution.

Smart City Technology - Sample Design

