

Name \_\_\_\_\_

## The Marvelous World of Smart Cities

### Short Answer Key

1. Possible answer: In a smart city, technology is integrated into daily life through things like smart traffic lights that adjust based on traffic flow, mobile apps for public transportation scheduling, and energy-efficient streetlights that automatically adjust brightness.
2. Possible answer: Smart cities prioritize sustainable development by creating green spaces, promoting public transportation, and using renewable energy sources. They aim to reduce the environmental impact of the city and ensure that resources are used wisely for both current and future generations.
3. Possible answer: Smart cities focus on efficient transportation by creating well-connected networks of roads, bike lanes, and public transit options. They also implement smart traffic management systems to reduce congestion and make it easier for people to move around the city efficiently.
4. Possible answer: Citizen engagement is essential in urban planning for smart cities. It involves gathering input from residents through surveys, meetings, and digital platforms. This input helps planners understand the needs and concerns of the community, leading to more responsive and inclusive city development.
5. Possible answer: Safety and security are crucial in smart cities to ensure the well-being of residents. Technology is used to enhance safety and security through surveillance cameras, smart street lighting, and emergency response systems. These technologies help monitor and respond to potential threats, making the city a safer place to live.

