

Design Your Own Future City

Due: Return to Ms. Peacock January 6, 2026

This is part of your Optional Expectations and will be a grade for Quarter 3.

Goal

After watching the IMAX documentary Cities of the Future, you will design your own city for the year 2050 using ideas from the film and your imagination. Your city should be smart, sustainable, and innovative!

Step 1: Reflect on the Documentary

- List three innovations you saw in the film (examples: space-based solar power, electric flying vehicles, green architecture).

1.

2.

3.
- Explain why these innovations are important for future cities.

Step 2: Design Your Future City

Your city should include:

- Energy Source
- Transportation
- Green Infrastructure
- Technology
- Community Features

Step 3: Choose Your Format

Pick ONE way to present your city:

- Poster or Drawing
- Digital Presentation
- Model
- Written Report

Step 4: Connect to STEM Careers

Write a short paragraph: 'What STEM career would you need to help build this city, and why?'

Grading Rubric (20 points)

Reflection	5 pts
City Design	10 pts
STEM Career Connection	3 pts
Presentation Quality	2 pts

Sample Student Submission

Step 1: Reflection

Three innovations from the film:

1. Space-based solar power – provides clean energy without weather interruptions.
2. Electric flying vehicles – reduce traffic congestion and pollution.
3. Vertical gardens – improve air quality and save space in crowded cities.

These innovations are important because they help cities become sustainable and reduce climate change impacts.

Step 2: My Future City – 'Solaris 2050'

- Energy Source: Solaris uses space-based solar panels that beam energy to Earth, ensuring unlimited clean power.
- Transportation: People travel in electric flying taxis and high-speed magnetic trains. Roads are mostly for delivery robots.
- Green Infrastructure: Every building has rooftop gardens and water recycling systems. There are floating parks on rivers.
- Technology: Smart sensors monitor air quality and traffic. AI systems manage waste and energy use.
- Community Features: Schools teach coding and robotics. Affordable housing uses recycled materials.

Step 3: Drawing or Model

Step 4: STEM Career Connection

To build Solaris, we need civil engineers who design sustainable buildings and infrastructure. They make sure everything is safe, efficient, and eco-friendly.