

## City Essay: Suggested Outline

This is a suggested outline to follow. Use this outline and the city essay rubric to make sure you address everything the judges will be evaluating.

Deliverable:  
City Essay

### Part 1: The Introduction

Briefly introduce your future city by sharing basic information about it.

- Include your city's name, how old it is, where it is (and any relevant natural features, like mountains or rivers), and how many people live there.

### Part 2: A Closer Look

Paint a picture of life in your future city, as if you are describing it to someone who has never been there. Share details about:

- Who lives in your city? What makes your city appealing to different types of people?
- What is daily life like for your residents?
  - What do they do for fun?
  - Where do they live? Work? Go to school?
- What is the climate like in your city?
- What services does your city provide (such as education, hospitals, fire stations, public transportation)?
- What are some innovative or futuristic elements of your city's infrastructure (such as housing, transportation, energy, agriculture, etc.)?

### Part 3: Define the Problem

Briefly describe the impact producing power had on your city—the residents, environment, and economy—before your city went 100% electric.

### Part 4: Describe Your Solution

Here is where you get to describe your city's futuristic and innovative electric solution.

- Describe your future city's main source of power for generating electricity and include any secondary energy sources. Include the following:
  - What are the benefits and drawbacks?
  - Is it renewable, green, clean, or some combination?
  - What's the environmental impact of the primary energy source?
- Explain how your electric solution provides 100% of your city's energy needs.
- Share two futuristic and innovative examples of how the electric system works in your city. For each example, include the following:
  - What issue(s) does your example address?
  - What design and planning decisions made the solution possible?
  - How does it work? What makes it innovative and/or futuristic?
  - What are the risks, trade-offs, and compromises involved in implementing your solution?
  - What impact—both positive and negative—does your solution produce?
- Explain what types of engineering are involved in making your city a model for running on electricity generated entirely by green, clean, or renewable sources of energy.

### Part 5: Conclusion

Share why people want to live in your city and what makes it a great place to live. Summarize how a 100% electric city keeps the people of your city healthy and safe.