City Essay: Suggested Outline

Tell your students to ask questions and take notes as you review the competition’s suggested essay outline and discuss how they can use it to draft their essay.

Part 1: Locating Your Lunar City

Briefly describe where your city is located on the Moon. Include the geographic features and terrain, the benefits of that location, and the risks and tradeoffs of that location.

Part 2: Living on the Moon

Paint a picture of life in your Future Lunar City. Describe:

- Who lives in your city?
- What is daily life like for your Moon residents?
  - What do they do for fun?
  - Where do they live? What jobs do they have?
- What services does your lunar city provide (for example, healthcare, education, and government)?
- How do goods and people move around your city?
- What are two innovative and futuristic features of your lunar city?
- What makes life in your lunar city challenging?
- How does your city protect your residents against a specific Moon hazard?

Part 3: Using the Moon’s Resources

Pick two different Moon resources. Describe how your lunar city uses these resources to keep its residents safe and healthy. Be sure to:

- Describe each resource, including what form(s) it is found on the Moon.
- Share how your city obtains or collects each resource.
- Describe how the resource is used. Include:
  - The problem or challenge the resource is being used to address. (For example, is it being used to create a breathable atmosphere, protect your residents against a Moon hazard, or create rocket fuel for travel to Earth and back?)
  - How is your city’s use of the resource futuristic and innovative? What technology is involved?
  - What are the benefits and tradeoffs of using this resource?
- Explain what types of engineering were involved and what types of engineers or technicians were most helpful.

Conclusion: Thriving on the Moon

Share why people want to live in your city. Summarize what makes it a safe and satisfying place to live.