## City Presentation Rubric

### 1. Content & Delivery (35 Points)

<table>
<thead>
<tr>
<th>0</th>
<th>1</th>
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<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>0 Points</strong> Requirements missing.</td>
<td><strong>1 Poor</strong> Poor-fair quality. Fulfills at least 20% of requirements.</td>
<td><strong>2 Fair</strong> Fair-average quality. Fulfills at least 50% of requirements.</td>
<td><strong>3 Good</strong> Average quality. Fulfills at least 85% of requirements.</td>
<td><strong>4 Very Good</strong> Above average quality. Fulfills 95% of requirements.</td>
<td><strong>5 Excellent</strong> Excellent quality. Fulfills 100% of requirements with additional distinctive features.</td>
</tr>
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#### 1. Overall presentation content
- Major elements: intro, body, and conclusion
- Logical flow and transitions
- Supporting details

**0 Points** Disorganized and no major elements addressed.

**1 Poor** Poorly-organized and missing major elements. Few supporting details.

**2 Fair** Fair organization. Contains most major elements. Some details and transitions but ideas could be more developed.

**3 Good** Contains all major elements and good transitions. Details could be clearer.

**4 Very Good** Well organized and contains all major elements. Very good supporting details.

**5 Excellent** Extremely well organized. Effective variety of supporting details. Overall presentation is thoroughly developed.

#### 2. Overall presentation delivery
- Clear and audible
- Confident and creative
- Onscreen balance of people and visual aids

**0 Points** Unclear and inaudible. Delivered with no confidence or creativity.

**1 Poor** Not very creative. Needs more practice. Poor balance of student presenters and visual aids.

**2 Fair** Somewhat creative. Some presenters lack confidence. Poor balance of student presenters and visual aids.

**3 Good** Creative but confidence could be improved. Good balance of student presenters and visual aids.

**4 Very Good** Very creative and confident delivery by most of the team. Good balance of student presenters and visual aids.

**5 Excellent** Extremely creative and confident delivery by entire team. Good balance of student presenters and visual aids.

#### 3. City overview & daily life
- Location, terrain, and benefits
- Description of residents and daily life
- Recreation
- Why do people want to live in your city?

**0 Points** No description.

**1 Poor** Underdeveloped overview does not provide basic information.

**2 Fair** Fair overview. Lacks sufficient details.

**3 Good** Good overview supported by sufficient details.

**4 Very Good** Very good overview supported by many details.

**5 Excellent** Excellent overview supported by a variety of thorough details.

#### 4. Infrastructure & services
- Futuristic city features and infrastructure
- Innovative city services (could include education, healthcare, fire, etc.)

**0 Points** No description.

**1 Poor** Underdeveloped description. Lacks detail about infrastructure and services.

**2 Fair** Fair description. Some details about infrastructure and services. Not very futuristic or innovative.

**3 Good** Good description. Many details about infrastructure and services. Somewhat futuristic.

**4 Very Good** Very good description. Many details about infrastructure and services. Futuristic.

**5 Excellent** Highly detailed and thorough description of infrastructure and services. Very futuristic.

#### 5. Use of Moon resources
- How resources are collected
- How resources are used in the city
- Problems/challenges they address

**0 Points** No description.

**1 Poor** Briefly mentions challenges. Does not describe how any Moon resources are used in the city. No real supporting details.

**2 Fair** Fair explanation of challenges and how one Moon resource is used in the city. Supporting details could be improved.

**3 Good** Good description of challenges and how at least one Moon resource is used in the city. Many supporting details.

**4 Very Good** Very good description of challenges and how two Moon resources are used in the city. Variety of thorough supporting details.

**5 Excellent** Excellent description of challenges and how two Moon resources are used in the city. Variety of thorough supporting details.

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DOWNLOAD THIS RUBRIC at futurecity.org/resources (filter for Rules and Rubrics).
### City Presentation Rubric

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#### 6. Use of demonstration aids
- Use of model
- Additional visual aids (if used) are well-prepared, legible, and relevant.
- Enhance rather than distract from presentation

|       | Model not referenced. No other visual aids. | Model is not used effectively. Other demonstration aids poor or nonexistent. | Model is partially effective at enhancing the presentation. Other visual aids are fair to good. | Good use of the model as an illustration of city design and function. Other visual aids are effective and generally add to presentation. | Model used effectively to illustrate city design, function and innovations. Other visual aids are very good and enhance the presentation. | Extremely creative, integrated use of model contributed to understanding of city design and function and innovations. Other visual aids are excellent. |

#### 7. Teamwork
- Team members supported each other
- Team members shared time equally

|       | No evidence of teamwork. | A small amount of collaboration among team members but more support of one another is needed; one or two tend to dominate. | Some collaboration, support and sharing among some team members. Amount of knowledge appears unequal. One or two tend to dominate. | Good collaboration, support and sharing among most members. Some have more knowledge and dominate. | Very good collaboration, support and sharing among team members. Equivalent knowledge level for most of team. | Excellent collaboration, support, and sharing among team members. All members display thorough knowledge. |

#### II. Engineering and Technology (15 Points)

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<td></td>
<td>No discussion.</td>
<td>Little or no discussion of engineering design process.</td>
<td>Underdeveloped discussion of engineering design process.</td>
<td>Good discussion of engineering design process and how they applied it.</td>
<td>Very good discussion and understanding of engineering design process and application to Future City project.</td>
<td>Excellent discussion and understanding of engineering design process and application to Future City project.</td>
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#### 8. Engineering design process
- Discusses the application of the engineering design process to their project

|       | No mention of engineering roles. | Mentions engineering, but little discussion of roles. | Demonstrates limited knowledge and understanding of engineering and roles. | Demonstrates good knowledge and understanding of engineering and roles. | Demonstrates very good knowledge and understanding of engineering and roles. | Demonstrates excellent and thorough knowledge and understanding of engineering and roles. |

#### 9. Engineering and roles
- Demonstrates a knowledge of engineering roles in city design and operation


#### 10. Risks, tradeoffs, & compromises
- Discusses potential risks and benefits
- Analyzes tradeoffs