

0 No Points Requirements Poor-fair missing.

1 Poor quality. Fulfills at least 20% of requirements.

Fair Fair-average quality. Fulfills at least 50% of requirements.

2

3 Good Average quality. of requirements.

Very Good Above average Fulfills at least 85% quality. Fulfills 95% of requirements.

5 Excellent Excellent quality. Fulfills 100% of requirements with additional distinctive features.

Deliverable: City Presentation

I. Content & Delivery (35 Points)	0	1	2	3	4	5
Overall Presentation Content Major elements: intro, body, and conclusion Logical flow and transitions Supporting details	Disorga- nized and no major elements addressed.	Poorly orga- nized and miss- ing major elements. Few supporting details.	Fair organization. Contains most major elements. Some details and transitions, but ideas could be more developed.	Contains all major elements and good transitions. Details could be clearer.	Well organized and contains all major elements. Very good support- ing details.	Extremely well organized. Effective variety of supporting details. Overall presentation is thoroughly developed.
2. Overall Presentation Delivery Clear and audible Confident and creative Balance of people and visual aids	Unclear and inaudible. Delivered with no confidence or creativ- ity.	Not very creative. Needs more practice. Poor balance of student presenters and visual aids.	Somewhat creative and confident. Poor balance of presenters and visual aids.	Creative and confident. Good balance of student presenters and visual aids.	Very creative and confident delivery by most of team. Good balance of student presenters and visual aids.	Extremely creative and confident delivery by entire team. Good balance of student presenters and visual aids.
3. City Overview & Chosen Climate Impact • Location • What makes the city special, and why do people want to live there? • Overview of climate change impact on city and residents' lives	No description.	Underdevel- oped overview does not provide basic information.	Fair overview. Lacks sufficient details.	Good overview supported by sufficient details.	Very good overview sup- ported by many details.	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.)	No de- scription.	Underdevel- oped descrip- tion. Lacks detail about infrastructure and services.	Fair description. Some details about infrastructure and services. Not very futuristic or innovative.	Good description. Many details about infrastructure and services. Somewhat futuristic.	Very good description. Many details about infrastructure and services. Futuristic.	Highly detailed and thorough description of infrastructure and services. Very futuristic.
 5 Climate Change Challenge Solutions Adaptation (reduction of harmful impacts) Mitigation strategy 	No description.	Brief mentions of adaptation and mitigation but offers little detail.	Fair expla- nation of adaptation and mitigation but lacks neces- sary detail.	Good description of adaptation and mitigation. Supporting details could be improved.	Very good description of adaptation and mitigation. Many support- ing details.	Excellent description of adaptation and mitigation with variety of thor- ough, supporting details.



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City Presentation Rubric

No Points Poor
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missing. quality. Fu

1 Poor Poor-fair quality. Fulfills at least 20% of requirements. **Pair**Fair—average quality. Fulfills at least 50% of requirements.

3 GoodAverage quality.
Fulfills at least 85% of requirements.

4 Very GoodAbove average quality. Fulfills 95% of requirements.

5 Excellent Excellent quality. Fulfills 100% of requirements with additional distinctive features.

I. Content & Delivery (35 Points) (Continued)	0	1	2	3	4	5
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 effec- tively. 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 the 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 collabo- ration, support and sharing among most members.	Very good collaboration, support, and sharing among the team. Equivalent knowledge level for most of team.	Excellent collaboration, support, and sharing among team members. All members display thorough knowledge.
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II. Engineering and Technology (15 Points)	0	1	2	3	4	5
	No discussion.	Little or no discussion of engineering design process.	Underde- veloped discussion of engineering design process.	Good discussion of engineering design process and how they applied it.	Very good discussion and understanding of engineering process and application to Future City project.	Excellent discussion and understanding of engineering design process and application to Future City project.
Technology (15 Points) 8. Engineering Design Process • Discusses the application of the engineering design	No discus-	Little or no discussion of engineering	Underde- veloped discussion of engineering design	Good dis- cussion of engineering design process and how they	Very good discussion and understanding of engineering process and application to Future City	Excellent discussion and understanding of engineering design process and application to Future City



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