

STEM Cities 3rd-12th Grade Rubric

Student ID: _____ Evaluator: _____ Total Score: _____/54

Eligibility Reminder: Your project must showcase a futuristic city powered by an innovative technology, clearly explain the STEM concepts behind how that technology works, be a file or link that opens correctly, and follow ONE allowed format: a video 90 seconds or less, a one-page poster/infographic, or a slide deck with 5 slides or fewer. If any of these requirements are missing, your project cannot be scored, even if it looks great.

Category	Criteria	1	2	3	Weight
Technology Choice (New or Existing)	- Technology is clearly identified - Technology fits the city - Technology is applied in a new or impactful way.	One of the criteria is true	Two of the criteria are true, or all are mostly true	All are true and clearly shown	x3
Scientific Evidence & Citations	- Uses reliable sources to support their idea - Evidence-based claims are cited - Images are cited	One of the criteria is true	Two of the criteria are true, or all are mostly true	All are true and well-supported	x5
Explanation of How the Technology Works	- Explains what the technology does - Explains how it works - Explanation is scientifically accurate	One of the criteria is true	Two of the criteria are true, or all are mostly true	All are true and strongly explained	x3
Impact on the Future City	- Names a real problem the technology solves - Explains the benefit clearly - Benefit is backed by evidence	One of the criteria is true	Two of the criteria are true, or all are mostly true	All are true and strongly explained	x4
Presentation Quality	- Few grammar/spelling errors - Stays within the format limits - Easy to follow	One of the criteria is true	Two of the criteria are true, or all are mostly true	All criteria are true and well-done	x2
Clarity, Organization & Effort	- Presentation is neat - Presentation is easy to follow - Presentation shows real effort	One of the criteria is true	Two of the criteria are true, or all are mostly true	All criteria are true and well-done	x1

The 0-3 score for each criterion will be multiplied by the multiplier number in the final column then added together to find the final score.