

Los Alamos STEM Challenge, Poster Rubric

	EXCELLENT 20 POINTS	GOOD 15 POINTS	FAIR 10 POINTS	POOR 5 POINTS	TOTAL
Thought and Research to innovate an original STEM design for the future	Idea shows careful thought and research	Idea shows some thought and research	Idea shows very little thought and research	Idea shows no thought and research	—
Organization of the Content	All of the required content is present	Most of the required content is present	Some of the required content is present	None of the required content is present	—
Graphics and design	Idea shows careful balance of graphics, text and space	Idea shows some Great balance of graphics, text and space	Idea shows very little balance of graphics, text and space	No balance of graphics, text and space	—
Grammar and accuracy	No grammatical mistakes	One grammatical mistake	Several grammatical mistakes	Unacceptable grammatical mistakes	—
Challenge submission	All poster elements and Pinterest board requirements submitted	Adequate poster elements and Pinterest board requirements submitted	Some poster and Pinterest board requirements submitted	No poster or Pinterest board requirements submitted	—

Los Alamos STEM Challenge, Video Rubric

	EXCELLENT 20 POINTS	GOOD 15 POINTS	FAIR 10 POINTS	POOR 5 POINTS	TOTAL
Thought and Research to innovate an original STEM design for the future	Idea shows careful thought and research	Idea shows some thought and research	Idea shows very little thought and research	Idea shows no thought and research	—
Use of STEM Storyboard template to organize ideas	Storyboard includes all thumbnail sketches of each scene	Storyboard includes some thumbnail sketches of some scenes	Storyboard thumbnail sketches are not organized	No storyboard is included	—
Use of content to communicate STEM Idea	Content includes a clear statement of STEM Idea, its features and purpose	Content does not present a clearly stated STEM idea	Content lacks a clearly stated STEM idea	Content lacks a central theme	—
Copyrights and credits	Copyright and credits are clearly identified	Copyrights and credits are documented	Some copyrights and credits documented	No copyrights or credits are documented	—
Met eligibility requirements	All Video guideline elements and Pinterest board requirements submitted	Adequate Video guideline elements and Pinterest board requirements submitted	Some Video guideline elements and Pinterest board requirements submitted	No essay guideline elements or Pinterest board requirements submitted	—

Los Alamos STEM Challenge, App Rubric

	EXCELLENT 20 POINTS	GOOD 15 POINTS	FAIR 10 POINTS	POOR 5 POINTS	TOTAL
Thought and Research to innovate an original STEM design for the future	Idea shows careful thought and research	Idea shows some thought and research	Idea shows very little thought and research	Idea shows no thought and research	—
Use of visual aids to communicate STEM Idea	Presentation of app concept includes many designed diagrams, charts, photos	Presentation of app concept includes some diagrams, charts, photos	Presentation of App concept includes very little diagrams, charts, photos	No diagrams, charts, photos provided	—
Use of content to communicate STEM Idea	Content includes a clear statement of STEM Idea, its features and purpose	Content does not present a clearly stated STEM idea	Content lacks a clearly stated STEM idea	Content does not have a central theme	—
Understanding of App characteristics and development requirements	Presentation includes detailed App menu and navigation	Presentation includes adequate App menu and navigation	Presentation attempts to include an App menu and navigation	Presentation does not include an App menu and navigation	—
Copyright and credits	Copyright and credits are clearly identified	Copyrights and credits are somewhat documented	Some copyrights and credits are documented	No copyrights or credits are documented	—
Grammar and Accuracy	No grammatical mistakes	One grammatical mistake	Several grammatical mistakes	Unacceptable grammatical mistakes	—

Los Alamos STEM Challenge, Essay Rubric

	EXCELLENT 20 POINTS	GOOD 15 POINTS	FAIR 10 POINTS	POOR 5 POINTS	TOTAL
Thought and Research to Innovate an original STEM design for the future	Idea shows careful thought and research	Idea shows some thought and research	Idea shows very little thought and research	Idea shows no thought and research	—
Voice and Fluency	Writing is creative and demonstrates a unique voice	Writing demonstrates a strong voice	Writing is clear but lacks a strong voice	Writing is poor, lacking in voice	—
Use of content to communicate STEM Idea	Content includes a clear statement of STEM Idea, its features and purpose	Content does not present a clearly stated STEM idea	Content lacks a clearly stated STEM idea	Content lacks a central theme	—
Copyright and credits	Copyright and credits are clearly identified	Copyrights and credits are documented	Some copyrights and credits are documented	No copyrights or credits are documented	—
Met eligibility requirements	All essay guideline elements and Pinterest board requirements submitted	Adequate essay guideline elements and Pinterest board requirements submitted	Some essay guideline elements and Pinterest board requirements submitted	No essay guideline elements or Pinterest board requirements submitted	—