

2023 NEW MEXICO GOVERNOR'S STEM CHALLENGE

Showcase Demonstration and Interview Scoresheet out of 25 total points

Judge & Company Name: _____ Date: _____

School Name: _____ Team Name: _____

Criteria for Evaluation	5	4	3	2	1	0
Demonstration: <ul style="list-style-type: none"> ● Effectively integrates problem solution into prototype ● Demonstration goes well with few glitches or flaws ● Safety and attention to detail, implemented both in physical prototype and demonstration process 						
Innovation: <ul style="list-style-type: none"> ● Novelty: ingenious/fresh engineering design ● Students understand and explain innovative feature (not just innovation for the sake of innovation) ● Efficient use of mechanical/electrical components (if applicable) ● Intentional use of materials including renewability 						
Build (interpret as appropriate for computational models): <ul style="list-style-type: none"> ● Soundly crafted; solid and robust mechanical design ● Subsystems cleanly integrated, thought out, and purposeful ● Critical thought demonstrated in autonomy (if applicable) ● Reliability, holds up under challenges ● Reliability: can produce consistent results each cycle ● Clearly depicts, examines, and illustrates budget projection ● Programming (if applicable): <ul style="list-style-type: none"> ○ Clear writing, well-documented, easy-to-understand ○ Clear programming strategy ○ Programming management process (version history) 						

<p>Creativity:</p> <ul style="list-style-type: none"> ● Ambitious thinking outside the box ● Unique thinking and design process/methodology ● Addresses problem in new and novel way ● Inventive use of materials and mechanical processes ● Optimizes each team members' particular talents 						
<p>Interview:</p> <ul style="list-style-type: none"> ● Elevator Pitch: No more than 5 minutes ● Professionalism: team members take turns speaking and maintain eye contact, audible tone, clarity ● Teamwork: each team member understands all aspects of project regardless of role, explains how each team member contributed ● Clarity: students easily and clearly discuss all aspects of project ● Answers questions with confidence, accuracy, completeness, and appropriate language usage ● Confident, direct, and animated delivery ● Sincerity: spirit of friendly competition and cooperation, respectful and courteous to event staff and other teams, demonstrated excitement and enthusiasm 						
<p>Total: 25 total points</p>						