

Down To Earth: Mission Tech Force

Criteria	Accomplished	Proficient	Developing	Beginning
Problem Identification	Clearly identifies a significant real-world problem and explains its impact on the community.	Identifies a relevant problem but lacks a detailed explanation of its impact.	Vaguely identifies a problem without clear relevance to the community.	Fails to identify a relevant problem.
Design Sketch	Provides a detailed and labeled design sketch with clear materials and scale; shows creativity.	Sketch is labeled with materials and scale but lacks some detail or creativity.	Sketch is unclear or lacks labels; minimal effort in planning.	No sketch provided or completely illegible.
Prototype Construction	Constructs a well-functioning prototype that effectively demonstrates the design concept.	Prototype functions but has minor issues that could be improved.	Prototype is poorly constructed and does not demonstrate the design concept.	No prototype constructed or completely non-functional.
Testing and Evaluation	Provides a thorough analysis of testing results, including clear criteria for success and suggestions for improvement.	Analyzes testing results but lacks depth in criteria for success or improvements.	Minimal analysis of testing results; unclear criteria for success.	No evaluation of testing results provided.
Creativity and Innovation	Shows exceptional creativity in design and application, introducing unique features or solutions.	Demonstrates some creativity in design but relies on common solutions.	Limited creativity; design is a basic replication of existing ideas.	No creativity displayed in design; lacks innovation.