



SECME National Score Sheet Water Bottle Rocket Competition

Name (or Student Code)	School Division <input type="checkbox"/> Elementary School <input type="checkbox"/> Middle School <input type="checkbox"/> High School
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Team Name

School Name

School District

Section 1: Performance – 50%

Points Earned	Possible Points	Criteria	Judge's Remarks/Feedback
50		Score is based on performance at the competition using the following equations: <ul style="list-style-type: none"> • Hangtime for Elementary teams: $\text{Hangtime Score} = \left(\frac{\text{team hangtime}}{\text{max hangtime}} \right) \times 50\%$ • Apogee for Middle and High School teams: $\text{Apogee Score} = \left(\frac{\text{team apogee}}{\text{max apogee}} \right) \times 50\%$ 	

Section 2: Engineering Notebook – 30%
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5		Organization: <ul style="list-style-type: none"> • Cover page – competition and division, team name, members, district, school, coordinator • Table of Contents – headings and page numbers • Team Norms and Team Roles • Meeting Notes – dated entries with summaries 	
15		Planning and Design: <ul style="list-style-type: none"> • Brainstorm – planning is evident throughout the design process • Concept Art/Sketches – sketches reflect different versions of the design • Materials List and Budget – receipts for purchases and descriptions of donations and/or recycled materials 	
10		Results: <ul style="list-style-type: none"> • Technical Drawings – drawing of final design with all parts and measurements labeled • Photos - front, side, and top views of the design • Trial Runs – data for 3 trial runs of each design version, minimum of 2 designs and 6 total trial runs 	



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Section 3: Presentation – 20%		
5		Organization: <ul style="list-style-type: none"> Title slide About your team slide Slides are neat, legible, and easy to follow.
15		Content Slides: <ul style="list-style-type: none"> Brainstorm and Sketches Drawings of the Final Design Materials and Budget Technical Drawings Trial Runs Conclusions and Future Recommendations

Judge's Name: _____

Overall Feedback:

Section 1 Points	/50
Section 2 Points	/30
Section 3 Points	/20
Total Points	/100