

Construction and Operation (MTC) - Judge's Evaluation Form – All Divisions

School Name			
School District		State	
MISSION: STEM Team Name			
Student Name #1		Grade	
Student Name #2		Grade	
Student Name #3		Grade	
Judge's Name		Date	

MOUSETRAP CAR REOUIREMENTS:

Requirement Met (check one):

Vehicle has a minimum of 3 wheels

Yes ☐ No ☐

Original bail remains as a component (may be straightened)

Yes ☐ No ☐

Carried ping pong ball for entire run

Yes ☐ No ☐

SCORING:

RUN #1 DISTANCE: _____

RUN #2 DISTANCE: _____

FINAL SCORE CONSTRUCTION AND OPERATION:

$$\text{Distance Score} = \left(\frac{\text{team distance}}{\text{max distance}} \right) \times 100\%$$

FINAL SCORE:

Final Score = Distance Score (0.50) + Engineering Notebook (0.30) + Technical Drawing (0.20)

Final Score = _____ points

NOTE: The maximum final Mousetrap Car score is **100 pts.**

Judge's Comments (please use back page for additional space.)