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*TR*: Technical Report (max 105 pts including 5 pts bonus-handwritten calculations)
*TD*: Technical Drawing (max 85 pts)
*TI*: Team Interview (max 75 pts)
*w*: Standard Weight of Mousetrap constant is 25 g
*W*: Total Weight of the team’s Mousetrap Car (g)
*L*: Length of team’s Mousetrap Car (cm)
*D1*: 1st distance travel by Mousetrap Car 2nd run (cm)
*T̅₁*: Average time of the 1st run (s)
*T₁-1*: 1st time travel by Mousetrap Car 1st run (s)
*T₁-2*: 1st time travel by Mousetrap Car 1st run (s)
*T₂-1*: 2nd time travel by Mousetrap Car 2nd run (s)
*T₂-2*: 2nd time travel by Mousetrap Car 2nd run (s)
*T₂*: Average time of the 1st run (s)
*P₁*: Performance score of 1st run \(\left(\frac{cm}{s}\right)\)
*P₂*: Performance score 2nd run \(\left(\frac{cm}{s}\right)\)
*PH*: Highest Performance score of Mousetrap Car in the competition that day \(\left(\frac{cm}{s}\right)\)
*F₂*: Final performance score, which is the Mousetrap Car 2nd run \(\left(\frac{cm}{s}\right)\)
*TS₁*: Total Score of the 1st mousetrap car run, team interview, technical drawing, and report.
*TS₂*: Total Score of the 2nd mousetrap car run, team interview, technical drawing, and report.
*BSBR*: Best Score of Both runs for the team’s Mousetrap Car.
*R*: Ranking of the competitors
School Names-District-State or Country

1. A. D. Henderson University School (ADHUS)- School District of Palm Beach County, Florida- 1st Place Winner
2. Apollo Middle School (AMS)- Broward County Public Schools, Florida- 3rd Place Winner
3. Coastal Middle School (CMS)- Savannah/Chatham County Public Schools, Georgia
4. Edward Roberson Middle School (ERMS)- Spring Independent School District, Texas
5. Grant Middle School (GMS)- Syracuse City School District, New York
6. Jack Hayward Junior High School (JHJHS)- Grand Bahamas, Bahamas- 2nd Place Winner
7. Sanford Middle School (SMS)- Seminole County Public Schools, Florida
8. South Miami Middle Community School (SMMCS)- Miami-Dade Public Schools, Florida
9. Tabala Research Institute (TRI)- Tabala of Clarkston Community Center, Georgia
10. Walker Middle School (WMS)- Orange County Public Schools, Florida
11. Walter T. McKee Middle School (WTMMS)- Montgomery Public Schools, Alabama
12. Young Women's College Preparatory Academy(YWCPA)- Houston Independent School District, Texas