

MOUSETRAP VEHICLE (CONT.)

See General Rules, Eye Protection & other Policies on www.soinc.org as they apply to every event.

h. Tiers:

- i. **Tier 1: A run with no violations.**
- ii. **Tier 2: A run with any competition violations.**
- iii. **Tier 3: A run with any construction violations.**
- iv. **Tier 4: A vehicle not impounded during the impound period.**
- i. **Teams who cannot complete a run within 8 minutes or have 2 Failed Runs will be given participation points.**
- j. Ties will be broken by this sequence:
 - i. Lower Cup Distance
 - ii. Lower Vehicle Distance
 - iii. Lower Run Time
 - iv. Lower Run Score of the other run
- k. Scoring Example: The run took 20.21 seconds. The cup came to rest 10.4 cm from the CTP. The dowel was 35.2 cm away from the VTP and the vehicle incurred no Penalties.

Vehicle Distance	35.2 cm =	35.2 pts.
Cup Distance	2 x 10.4 cm =	20.8 pts.
Run Time	20.21 seconds =	20.21 pts.
+ Penalties	0 =	0.0 pts.
Run Score		76.21 pts.

Recommended Resources: The Science Olympiad Store (store.soinc.org) carries the Mousetrap Vehicle Video Download and Problem Solving/Technology CD; other resources are on the event page at soinc.org.

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