

MTV LAND - PRECISION EVALUATION FORM

Entrant's Name:

Entrant's School:

Entrant's Teacher:

Level I or II (circle)

RULES AND REGULATIONS CHECKLIST

Check items/requirements met:

- _____ 1. One power source - single mousetrap
- _____ 2. No additional energy storing materials were used
- _____ 3. Spring on the mouse trap was not heat treated or altered
- _____ 4. Vehicle was designed so that the mouse trap can be attached or replaced quickly and efficiently **Tape or glue cannot be used to attach the mousetrap to the vehicle. Tape of any kind cannot be used in the construction of the vehicle.**
- _____ 5. Vehicle did not have a mousetrap attached at the time of registration
- _____ 6. Mousetrap was attached to vehicle in the provided 5 minutes
- _____ 7. Mousetrap base was not altered in any manner
- _____ 8. Entry completed without assistance

JUDGE SCORING

Winner is determined by the ability of a vehicle travel the nearest to 30 feet. Distances are referenced from the front axle.

Documentation:

- _____ 9. Definition of Problem - 5 points
- _____ 10. Information and Data - 5 points
- _____ 11. Goal Statements - 5 points
- _____ 12. Choosing the Best Design - 5 points
- _____ 13. Developmental Work - 10 points
- _____ 14. Testing and Evaluation - 5 points
- _____ 15. Redesigning and Improving - 5 points

Vehicle:

- _____ 16. Vehicle Construction and Design - 10 points
- _____ 17. Ranking - 1st, 50 pts.; 2nd, 45 pts.; 3rd, 40 pts.; 4th, 35 pts.; 5th, 30 pts.; etc.

_____ **ANY RULES AND REGULATION CHECKLIST VIOLATION (-20 POINTS)**

Distance the front axle is from the thirty (30) feet finish line:

- _____ 1st Attempt
- _____ 2nd Attempt
- _____ 3rd Attempt
- _____ **TOTAL SCORE**

_____ **ENTRANT RANKING**