**OBJECTIVE:**
Build a vehicle powered solely by the energy of one standard-sized mouse trap, (1 3/4" X 3 7/8") that will travel the greatest linear distance.

By definition, a vehicle is a device with wheels or runners used to carry something.

**REGULATIONS:**
1. The vehicle must be powered by a single Victor brand mouse trap (1 3/4" X 3 7/8").

2. The mousetrap cannot be physically altered except for the following:

* 4 holes can be drilled only to mount the mousetrap to the frame.
* Mousetrap’s spring can be removed only to adjust the length of the lever arm.
1. The device cannot have any additional potential or kinetic energy at the start other than what can be stored in the mousetrap's spring itself. (This also means that you cannot push start your vehicle.)

4. The spring from the mousetrap cannot be altered or heat treated.

5. The spring cannot be wound more than its normal travel distance of 180 degrees.

6. Vehicles must be self-starting.

* Vehicles may not receive a push to start moving.

7. The vehicle must steer itself. No remote systems.

8. Distance will be measured from the starting line to the center of the front axle of the vehicle.

**RUNNING THE CONTEST:**

1. The race track will be any smooth, level floor, a gymnasiums or a hallway.
2. The race vehicle must stay within the race lane. Vehicles leaving the lane will not be scored.
3. Contestants are not allowed to touch the vehicle once it has been released.
4. Each contestant will be given three attempts.
5. The winner will be that racer which has obtained the greatest distance on any one of the three attempts.
6. Ties will be decided by a single run off between the racers.
7. The judge has the final decision as to the appropriateness of any additional items that might be used in the construction of the race vehicle.
8. All vehicles are to be built off-site.