



## ***Racer Rules and Regulations***

***November 10, 2019***

### **CONSTRUCTION REGULATIONS:**

1. Cars must be new this year for racing. Cars from previous years or cars used in racing for other organizations such as Boy Scouts are disqualified.
2. Cars must be gravity powered and must **weigh 5 ounces or less**. The cars will be weighed using postage scales during registration.
3. No bearings or washers may be used with the wheels. Wheels must be attached to the car with **axles supplied** in the kit.
4. The height from the track surface to the bottom of the car shall be **no less than 3/8 of an inch**.
5. Weights must be firmly attached.
  - a. Weights must be within body of car or exposed on front, back, sides, or top of car.
  - b. Do not reduce clearance on car with putty, screws, et cetera when mounting weights within bottom of car. (routed bottom is recommended)
  - c. Weights that fall off during a match may disqualify the car for that match.
6. Cars may utilize **only dry graphite** for lubrication of wheels. It must be applied prior to registration. No graphite may be added after the car has been registered.
  - a. Please add graphite prior to entering the building to keep powder off the floors and seats.
  - b. Use of any other lubrication will disqualify car from competition. **No oils!**
7. Wheels furnished with the kit must be used. No other wheels may be used. Wheels may be sanded to remove casting burrs but may not be altered in shape.
8. Cars must be **7" or less in length and 5" or less in height**. Overall width shall not exceed **2-3/4** inches. The body width at the axle slots must be **1-3/4** inches. (Original block width)
9. This race is to encourage leaders, parents, and boys/girls to work together; and to that end it is permissible to aid boys/girls in:
  - a. Cutting out car body design
  - b. Adding weights
  - c. Attaching wheels, axles, and graphite
10. There is a trophy in each division for the best design, the boy/girl must:
  - a. Provide the design for body
  - b. Do all sanding
  - c. Decorate (paint and decals) the car

### **ADDITIONAL RULES**

1. If a car fails to pass inspection, it may be altered until it passes. (Up until race time)
2. Once cars have been registered, they may not be altered or they will be disqualified.
3. If the car jumps the track and interferes with the other cars, the race will be run again. If it happens again, the car may be disqualified.
4. Races too close to call may be run again. Judges decisions are final.
5. Sportsmanship is valued and will be observed. There can be only one winner per division. Let's control our emotions whether winning or losing.
6. A racer cannot win two trophies. If he/she places first, second, or third, his/her car will not be considered for best design.