

# 2010 Reading Festival Days - Soapbox Derby Official Rules

## 1. General Rules

- a. Remember that this event is being held for the FUN OF THE CHILDREN. Please behave respectfully and with good sportsmanship towards others at all times.
- b. Children must be attended by a parent at all times.
- c. All drivers must provide their own helmet and wear it during the race.
- d. Shoes must be worn at all times.
- e. If any part of the car crosses the centerline or the sideline of the track, the driver will be disqualified for that race.
- f. Drivers must be ready when their race is announced or they may be disqualified.
- g. Lane assignment will be determined by the race officials.
- h. Race finishes deemed “too close to call” by the finish line judge will be re-run.

## 2. General Build Rules for All Cars

- a. Maximum car weight – 150 lbs.
- b. Maximum car length – 6’-6”
- c. Maximum car width – 40”
- d. Front most point of the front tires must be at least 1” and no more than 5” behind the front most point of the car.
- e. Maximum distance from rear axle to rear most point of car – 19” (for best results rear tires should be as close to the back of the car as possible).
- f. Minimum ground clearance to car body – 4” (axles may be lower).
- g. Maximum ground clearance at front most point of car may not exceed 8”.
- h. Steering axle may turn no more than 2” in either direction.
- i. All cars must be equipped with functional brakes.
- j. If using a ground contact brake, no metal may make contact with the ground.
- k. All cars must be equipped with pneumatic, semi-pneumatic or hard rubber tires.
- l. All parts and panels must be securely fastened.
- m. Any car deemed to be unsafe by race day officials will not be allowed to race.

## 3. Classes

- a. There will be three Stock Classes and one Open Class.
- b. Each class will be double-elimination with a winner and a loser bracket.
- c. Bracket race assignments will be chosen by random drawing.
- d. Stock Classes are for drivers between the ages of 5 & 15.
- e. Stock Class cars must follow the General Build Rules plus the following rules:
  - i. Stock Class car tires may not exceed 12” in diameter.
  - ii. Stock Class cars must contain at least 4 tires.
- f. The Stock Class will be divided into three weight ranges:
  - i. 140 – 160 pound class (car & driver combination)
  - ii. 161 – 200 pound class (car & driver combination)
  - iii. 201 – 260 pound class (car & driver combination)
- g. The Open Class is open to any age driver and any car/driver weight combination.
- h. Each car may be driven by only one driver in each class. This is to prevent confusion caused by two drivers being scheduled to race against each other in the same car.
- i. Once a driver chooses a car for a class, they must drive it for every race in that class.