



Soap Box Derby
Akron, NY
Friday, July 4th, 2014
2:00 PM
Top of Main St.

-Rules and Regulations-

- 1) The Race Car: Each derby car must be **gravity powered**. All cars must be built by the person registering the car, parent/adult assistance is allowed.
- 2) No motors or engines. Cars must free wheel with no stored energy
- 3) The car must be constructed of wood, metal, cardboard, and/or plastic, provided that the original wood block is the dominant material used. 24-36" Max width & 5ft length.
- 4) No Liquids and loose materials of any kind, in or on the car.
- 5) When using wood it is suggested that you use screws & wood glue.
- 6) A safety seat belt is suggested to ensure safety for the driver.
- 7) **Steering System. Important!**
Simple pivot steering is the most basic and common steering system. Basically, the front axle is a solid piece that rotates about a single pivot in the center. This system is the most simple to construct and is quite adequate since you will not need a big turning radius.
- 8) **Braking Systems. Very Important!**
Skid pad on the wheels is a very basic, yet very effective braking method. In this method, you set up a pad or brake shoe that rubs against the wheels to stop the car. This is the most preferred method for cars made from scratch because of its effectiveness and simplicity. Do not use your feet to do the braking! Anchor or parachute could be used but, just for fun! Regardless of the braking system that you choose the most important thing is that the car must be able to stop. Good brakes will go a long way in preventing crashes.
- 9) **Wear Your Gear!** Helmets encouraged! Please don't alter helmets in any way that would change their effectiveness. Cars will not be allowed on the track unless the driver is wearing a helmet. Knee & elbow pads are also strongly encouraged.

All drivers under the age of 16 must have the entry form signed by their parent to enter the derby. An adult must accompany all minor entrants on race day. **NO EXCEPTIONS!**

Entry forms and entry fee need to be turned in prior to June 4th to ensure a spot in the competition. The number of races and time slots will be announced after June 4th

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Ages Groups:
Ages 6 to 12

Ages 13 to 17

Ages 18+

Notes:

1. A soapbox car may be used for both categories, however, it is only eligible to win only one (1) category, whichever is higher.
2. Excess of the proceeds from this event will go towards the celebration fund.
3. Event organizer reserves the right to announce prize amounts after the deadline for registration. Each group will have a cash prize and there will also be a prize for the most creative car design.
4. The committee reserves the right to refuse entry to any competitor if safety rules and precautions are not met by either race car or participant.
5. Ungentlemanly or unsportsmanlike conduct by any participant or member of the audience will be grounds for expulsion from the competition and/or the race area.