

Beaumont Days Soap Box Derby
Sponsored by Beaumont Knights of Columbus
(Our Lady of the Hill Council) & Club Beaumont
2023 Rules and Regulations

The rules for this event are geared towards fun and family. This is not a competitive event and all efforts to make sure all cars are equal or shared between drivers will be taken.

- 1) **Age of Competitor:** Driver must be between 8 and 13 years old.
- 2) **Consent Form and Payment:** to be signed and submitted before race start, for insurance reasons.
- 3) **Protective Gear:** All drivers **must** wear a helmet with **full face visor** (hockey or motorcycle helmet), gloves, jeans and long sleeves.
- 4) **Race Cars** will be available for entrants who do not have their own. These cars will be assigned by a race official.
- 5) **Design Guidelines for Cars:**
 - A. **Car Dimensions:** Dimensions and weight to be within soapbox guidelines. 84 inches long (2.1 meters), 34 inches wide. Cars should be designed to have a low center of gravity and high stability.
 - B. **Tires:**
 - (1) 11 inch maximum wheel/tire diameter allowed
 - (2) No high speed roller bearing wheels, automotive, or bicycle style axle/hubs.
 - (3) No air filled tires or Z-Glas wheels (true competitive soap box wheels). Tread face must be constructed of rubber or plastic.
 - (4) Measures must be taken to prevent wheels from departing the cart when in use. Use cotter pins or other positive means to keep the wheels in place
 - C. **Steering:**

Must be controlled by a fixed mechanical means. No foot or hand held line steering will be permitted. Linkage steering must be limited so that steering control can be maintained.
 - D. **Towing:**

Securely fixed eye hook at front of car to attach a towing line from ATV. Opening to be 1.5" or larger and strong enough to ensure the cart can be pulled up hill.
 - E. **Brakes:**

Cars must have a breaking system capable of slowing the car to a smooth, short and safe straight line stop without damaging the road surface.
 - F. **Safety:**
 - (1) All basic structure parts must be securely fastened to each other using bolts, screws or other suitable hardware. Plywood and solid wood are permitted structural materials. Particle or strand type board is not permitted for any structural part. The basic structure is defined as the chassis on

which the driver sits and to which the axles, steering and brake mechanisms, and body shell are attached.

(2) The driver's lower torso, legs and feet should be within the body shell. The drivers should not be able to contact the road surface or the wheels when seated in the normal operating position in the car.

(3) There should be no exposed sharp edges or points. Exposed edges that may be contacted by the driver should be smooth. Protective cushioning material may be fitted if desired.

6) **Inspection:** All soap boxes will be inspected prior to race time to ensure they are in safe working order. All drivers must show that they have control of steering and brakes.

7) **Entry number:** contestants must display their assigned number on their shirt/helmet

8) **Respect** must be shown to other drivers, parents, spectators and race volunteers.

9) **Starting Gate Rules:**

(1) Each driver **must have an adult present.**

(2) **Race officials** will release the cars. **ABSOLUTELY NO MECHANICAL ASSISTANCE OTHER THAN GRAVITY WILL BE ALLOWED.**

10) **Settling Disputes:** The Race Marshall will have the final say in case of a tie or a difference of opinion.

11) **In the Event of a Crash/Breakdown:** vehicles will be inspected and approved by a race official before being allowed to continue racing.

Most important ... Have FUN building your Soap Box Car and have FUN spending quality time with your friends and family :)

For any technical questions or a technical inspection please contact:

Paul Weisenberger – Who will refer your question to our “technical” volunteer.

Soap Box Volunteer

paulweisenberger@hotmail.com

Phone: 780-929-5150