

**Mason Days Derby Race 2017**  
**Saturday June 24<sup>th</sup>**  
**9:00 – 10:30 a.m. Registration & Inspection**

**Divisions:** There will be a Junior Class for ages 7-15, and an Adult Class for ages 16 and up.

**Race Rules**

1. Soap box cars must meet the Construction and Safety Guidelines as described here.
2. Participants must register and have their car inspected on site starting at 9:00 a.m. on Saturday June 24, 2017.
3. Your child must be born on or before June 1, 2010.
4. All participants must be available and ready on race day at the starting location at 10:30 a.m. and remain available to race at any time until all of his or her races are finished. Participants who are not available when required to race may be eliminated from further competition. A listing of drivers will be posted.
5. Cars may be inspected prior to each race to ensure they are deemed safe for racing. Ruling by the inspectors shall not be challenged. Cars rejected by the inspector must be removed immediately from the starting location.
6. When racing, drivers must wear shoes and a helmet with chin strap. Protective clothing is recommended.
7. The race judges' decisions are final and shall not be contested. The car whose **rear axle is over the finish line first** according to the decision of the judges is the winner.
8. By virtue of their paid-up registration, participants, or the parents or legal guardians of participants who are minors, have agreed to render harmless the Village of Mason and volunteers assisting with the race of any consequences arising from participation in the derby. Participants must sign a Hold Harmless Waiver.

**Soapbox Cars Specifications**

1. Soapbox cars are powered by gravity only - **NO engines or motors**. They will start on a ramp.
2. The driver must sit in the car, facing forward and control the car using only hands and feet.
3. Cars must have four wheels. Minimum wheel diameter is 6 inches. Wheels may not be made of wood.
4. Fasteners used in the wheels, steering, and brake systems must be prevented from loosening when in use by using lock nuts, cotter pins, wire tying, or other means.
5. Maximum overall cart length is 84 inches. The maximum weight of the car alone is 100 lbs.
6. Maximum wheel base (distance between front and rear axles) is 56 inches.
7. Maximum car body width is 40 inches.
8. Maximum axle length is 44 inches.
9. Road clearance to any part of the car, including fasteners, must be a minimum of 3 inches off the ground.
10. All basic structure parts must be securely fastened to each other. Fiberglass, plastic, plywood and solid wood are permitted structural materials. Particle or strand type board and/or glass are not permitted.
11. Suspension items such as springs and shock absorbers are not permitted.
12. Back and forth movement of either front wheel shall be limited to 1.5 inches. Stops must be installed to prevent over-steering.
13. The cars must have a braking system capable of slowing the car to a smooth, short and safe straight line stop without damaging the road surface. If using drag clutches, the part touching the road must be made of wood or rubber.
14. Cable links used in steering and brake systems must be secured and not slip under stress.
15. Adjusting hardware such as turnbuckles must be lock wired in the final adjusting position.
16. 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.
17. There shall be no exposed sharp edges or points. Exposed edges that may be contacted by the driver shall be smooth. Protective cushioning material may also be fitted.
18. There shall be no hard protruding ornamentation on the car.
19. Cars must have hooks on the front and back strong enough to pull the cars back up the hill.

**Rules & Registration forms** are located at [www.masonwisconsinhistory.org](http://www.masonwisconsinhistory.org) or [www.facebook.com/MasonDays2017/](https://www.facebook.com/MasonDays2017/).

Derby Entrance Fee is

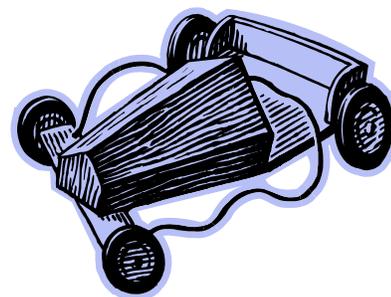
**Junior Class - \$10**

**Adult Class - \$20** Check should be made out to Village of Mason.

**Cash Prizes for Junior Class are 1<sup>st</sup> \$50, 2<sup>nd</sup> \$30, 3<sup>rd</sup> \$15.**

**Cash Prizes for Adult Class are 1<sup>st</sup> \$100, 2<sup>nd</sup> \$50, 3<sup>rd</sup> \$25.**

**Best in Show = \$25**



**Contact Marian Schraufnagel, 715-765-4554 or [marschrauf@gmail.com](mailto:marschrauf@gmail.com) for additional information.**