

ROUND HILL HOMETOWN FESTIVAL

8TH ANNUAL

DOWNHILL DERBY

**SATURDAY,
MAY 29,
2010**

The Round Hill - Down Hill Derby is a once a year opportunity for you to race down a closed off street course in The Town of Round Hill! Racers will run multiple heat races and ribbons will be awarded for fastest runs. We may have a run-off to determine the King or Queen of the Hill for each vehicle class! The races are open to pre-registered drivers up to 17 years old riding non-powered scooters or "Derby Cars" who can safely operate their vehicle down the course.

Your Down Hill Derby car must comply with the published rules of the Derby that can be picked up at the Town Offices or printed off of the Festival Website at www.hometownfestival.org. There is a registration fee of \$5.00 for each driver and is due with your registration form into Town Hall or day of race.

- Registration Due:** \$5.00/driver to Town Office or Day of Race
- Drivers Meeting:** 1 hour prior to race at the starting line/ramps
(Intersection of High Street and N. Locust Street.)
- Races:** Saturday, May 29, 2010, at 3:00 p.m.
- Location:** Racers will run down N. Locust Street from High Street down toward West Loudoun Street.

We need volunteers to help with course and event set-up on Friday, start and finish line crews and timers for race day and course take down after race.

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Round Hill Hometown Festival
 P.O. Box 36
 Round Hill, VA 20142

Name of Driver(s): _____
 Address: _____
 Phone Number: _____ Ages: _____
 Level of experience _____ Name of Driver's Parent: _____
 Please circle vehicle type: Derby Car Skateboard Scooter

\$5.00 per Driver: _____

I understand that the organizers of this event and the Town of Round Hill and its representatives bear no liability for any loss or personal injury that may result as a part of my / our participation in the event. I have read and retained a copy of the Down Hill Derby Rules. Owner of vehicle ("derby car, scooter") or parent of driver is responsible for any damages, losses, injuries from the use of the vehicle by anyone at any time and any place.

 Driver Signature Date Owner (Parent) Signature Date

Down Hill Derby Rules

1. **Down Hill Derby vehicles (“derby cars, scooters”) must be safe for their drivers, course workers, and spectators.**
2. Down Hill Derby drivers must sufficiently test their vehicles for stability, steering and braking to ensure driver can maintain proper control down the course and stopping at the end. Driver must not turn over, lose steering or braking control, run off course or into bales, or create any hazardous condition for driver or spectators.
3. Down Hill Derby cars must be fitted with a seatbelt attached securely to the frame of the car.
4. Down Hill Derby car drivers must wear seatbelt at all times during the race.
5. Down Hill Derby cars must have a braking mechanism which will adequately slow and stop car and driver without losing steering control.
6. Down Hill Derby drivers must have practiced safe operation of their vehicle.
7. Down Hill Derby drivers must wear helmets and any other necessary equipment to keep the driver safe at all times during the race.
8. Down Hill Derby drivers must attend Drivers’ Meeting to be held 1 hour before the race.
9. Drivers must have an adult available to help them practice, race, and “rescue” them if needed.
10. All scooters and skateboard drivers must run the course with their feet on the vehicle. No prone positions unless the board is designed for it.

Derby Car Design and Specification Guidelines

The race is a rather unstructured social event designed to encourage participation and family fun with safety as the top priority. The following car design criteria are based primarily on safety and for low cost and ease of entry. This is not an official soap box derby race and kit cars are not encouraged. Hand made cars with children’s participation in construction and painting is encouraged. See below a list of guidelines, suggestions, comments, design ideas, comments, parts suppliers, etc.

- Cars should be 3’ wide from wheel to wheel and not more than 6’ long from nose to tail.
- Wheels should not be bigger than 12” in diameter.
- Cars should provide enclosure for the driver including a solid bottom or pan, solid sides and solid top except in cockpit area to protect driver in the event of collision or roll over.
- Cars should be low enough to provide stability.
- Cars should be high enough in nose and tail areas to allow for up to 20 degree ramp at starting area.
- Steering axle pivot bolt should be set as far in front of axel line as possible to aid in straight line travel.
- Steering axel should be limited in turning radius to prevent over-steer and loss of stability.
- Steering should move easily to allow smooth and slight course correction.
- Steering must be easily managed without interruption for braking or other activity.
- All bolts and fasteners on wheels, steering, and braking assemblies should employ self locking washers, nuts, or cotter pins to prevent loosening and be of sufficient size to handle stresses and forces encountered.
- Cars must have a mechanism to stop the driver and vehicle promptly when in motion on course and a brake for parking.
- Braking mechanism must allow the driver to stop the vehicle at the end of the race or upon encountering any other condition on the course. Good brakes are a must.

***For more on this event please visit
www.hometownfestival.org***