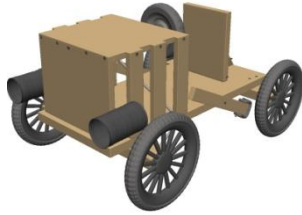


## Danville Downhill Derby



### DESCRIPTION

The Danville Downhill Derby is a gravity-powered downhill race for ages 8 and up. There are two divisions: “Just For Fun” and “Competitive”. In each division, there are two age divisions: Junior (ages 8 to 16) and Adult (17 & above). This is a double-elimination race.

### EVENT OVERVIEW

**Practice** – Racers will be able to test derby cars on the track on Friday, May 19<sup>th</sup> from 4 to 8 pm.

**Tech Inspections** – Friday, May 19<sup>th</sup> from 4 to 8 pm. If you do not pass tech you will be notified of issues and have until the end of the Tech Inspection period to fix issues. Once a car has been approved it will remain in the custody of Race Officials until the Drivers Meeting has been completed on race day. All teams must pass tech to be eligible for Sunday’s competition.

**Derby Car Rides** – Individuals 8 and older can purchase a \$5/ride in a two-seater downhill derby car. Rider gets to experience the thrill of racing on the downhill track. Available Friday, May 19<sup>th</sup> from 4 to 8 pm.

**Drivers Meeting** – A mandatory Drivers Meeting will be held before the race on Sunday, May 21<sup>st</sup> at 12:00 pm.

**Race Day** – After the Drivers Meeting the drivers will be able to access their cars. No alterations can be made to the cars. When your team is called you have 5 minutes to get your car in the blocks for racing. Cars will be towed back up the hill by race officials.

**Winner’s Circle** – Takes place immediately following the race. Prizes are given for race winners in each division plus other categories such as Most Creative.

### RACING RULES

1. **This event is for FUN. All rules are subject to change at the discretion of Race Director.**
2. Teams can consist of 4 members: 1 driver, 2 crew, and 1 race volunteer.
3. Waiver must be completed by all team members to participate.
4. A single derby car may be raced by two different drivers if drivers are registered in different divisions.
5. Proper racing attire is mandatory and consists of eye protection, helmet, long-sleeved shirt, full-length pants, closed-finger gloves and closed-toe shoes.
6. Driver must be race ready at starting line when called. Race officials will help prep car into the blocks.
7. Racers who do not enter blocks in a timely manner will be given a loss.
8. No moving of your body besides steering and braking once you are released from starting blocks.
9. Crossing the center line will automatically lead to a loss and intentionally causing damage to another competitor or park property will lead to a disqualification and removal from park property.
10. We are not responsible for any car damage.
11. Any profanity or disruptive behavior can result in loss or disqualification from race.

12. No alcohol allowed. If any team is caught with alcohol, it will result in immediate disqualification and removal from park property.

## **DERBY CAR CONSTRUCTION RULES**

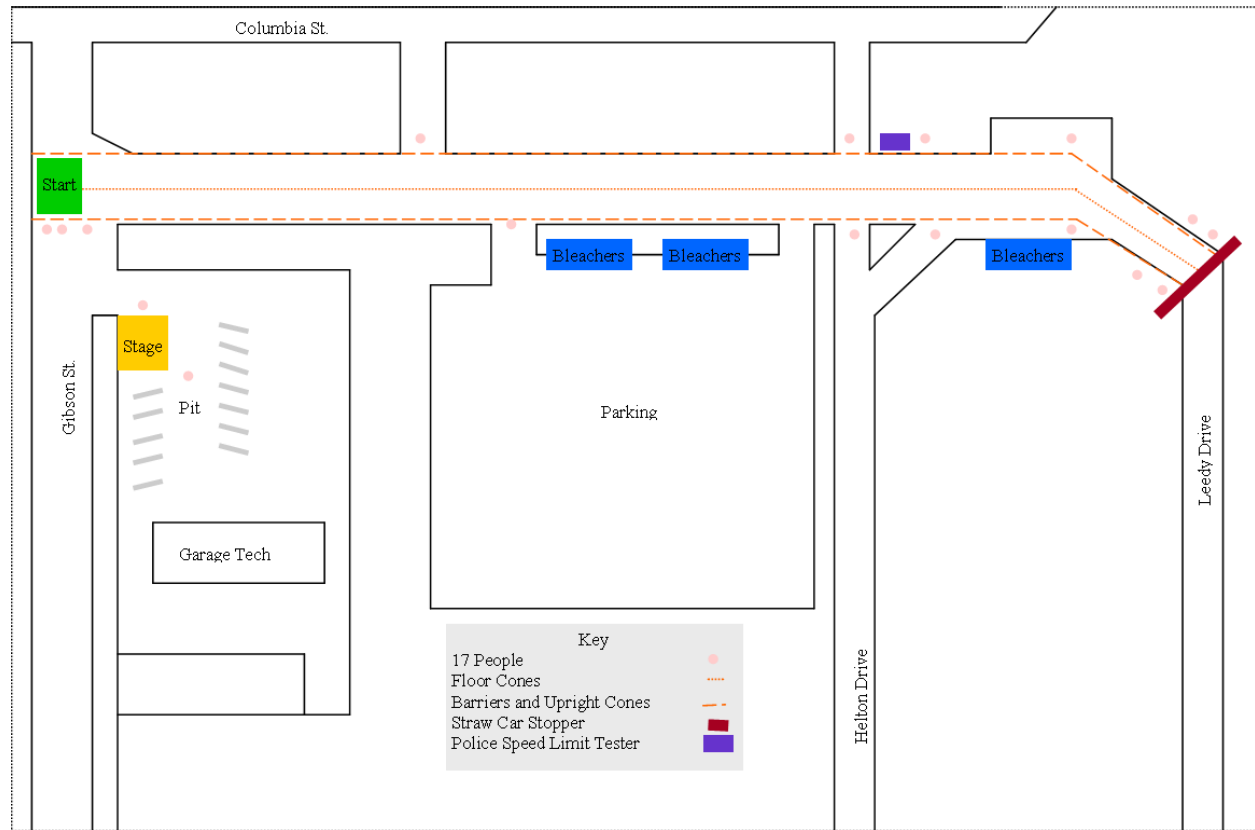
### **“Just for Fun” Category**

1. Must follow attire requirements: eye protection, helmet, long-sleeved shirt, full-length pants, closed-finger gloves and closed-toed shoes.
2. Must have four wheels secured by cotter pin, lock nut, castle nut or nylock nut.
3. All items secured and gravity-powered only.
4. Max car width 4 ft; Max car length 8 ft; Max distance between axles 5 ft; Min ride height 2.5 in.
5. Must have steering and braking.
6. **Towable eyebolt must be welded or secured to the centerline of the front and back of each car. Cars will be towed single or double back to the staging area. EYEBOLTS WILL BE SUPPLIED!**

### **“Competitive” Category**

1. Four wheels in contact with ground. Two axle minimum.
2. Max width 48”; Max length 96”; Max distance between axles 60”; Minimum ride height 2.5”. No trike.
3. Gravity powered only. No other forms of energy will be allowed.
4. Max tire diameter 14”. Tires must be pneumatic or semi pneumatic and surface touching the road must be rubber. Wheels must be secured by cotter pin, lock nut, castle nut or nylock nut. Bearings must be steel.
5. Cars must have ability to steer using wire cable, drag link or rack and pinion. No tiller, ropes or foot axle steering. Fasteners allowed are cotter pin, lock nut, castle nut or nylock nut. Adjusting hardware must be secured with a locking nut or pin.
6. Car must be built by the team driving it. No pre-built cart chassis of any type. Chassis must be crafted from wood or metal. Car shell must be made of rigid impact-resistant material.
7. All cars must have a braking system. Disc or ground contact with rubber on the end.
8. Rolling chassis (all items connected to car) cannot exceed \$900.00. Value can only be scrutinized by Race Director. Bring receipts just in case.
9. Seat must be secured. Driver’s lower torso should not touch wheels or ground when seated. No sharp points or objects inside or outside of car. Wood or metal belly pan from seat to front axle.
10. Cars are single driver and seat only.
11. **Towable eyebolt must be welded or secured to the centerline of the front and back of each car. Cars will be towed single or double back to the staging area. EYEBOLTS WILL BE SUPPLIED!**
12. Weight limit maximum for car and driver together: 250 lbs for Juniors and 400 lbs for Adults. Weighing will be done at Tech Inspection and may be repeated on race day at the discretion of the Race Director. Any weights must be bolted stationary and connected to the car. All weigh-ins based on our scales.

## Map



## 2016 SCHEDULE

April 28 <sup>th</sup> , 5pm	Registration Deadline
April 29th, 4-8pm	Practice Runs Tech Inspection Derby Car Rides (\$5/ride)
May 1 <sup>st</sup> , 12pm	Derby Car Rides (\$5/ride)
May 1 <sup>st</sup> . 12pm	Drivers Meeting
May 1 <sup>st</sup> . 1pm	Racing  Winner's Circle immediately following race

## REGISTRATION

Team Name \_\_\_\_\_

Team Biography

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Race Experience

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Driver Name \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

Age \_\_\_\_\_

T-Shirt Size(one shirt provided) \_\_\_\_ S \_\_\_\_ M \_\_\_\_ L \_\_\_\_ XL \_\_\_\_ XXL

Team Captain Name\* \_\_\_\_\_

Cell Phone \_\_\_\_\_

Email \_\_\_\_\_

\*Primary contact during practice and race day

Divisions/Age Group (circle one)

**Just for Fun :** Juniors (ages 8-16)      Adult (ages 17 & above)

**Competitive :** Juniors (ages 8-16)      Adult (ages 17 & above)

Additional T-Shirts (\$10 each) \_\_\_\_ S \_\_\_\_ M \_\_\_\_ L \_\_\_\_ XL \_\_\_\_ XXL

Kits available at <http://www.soapboxracing.com/index.htm>

2017 Mayberry Downhill Derby  
WAIVER/RELEASE

Name \_\_\_\_\_ Age \_\_\_\_\_  
Address \_\_\_\_\_  
Date of Birth \_\_\_\_\_

In consideration of being permitted to utilize the Mayberry Downhill Derby track facility in Danville, Indiana and in consideration of the benefits received by me as a result of said use, I, together with my heirs, executors, administrators and assigns, hereby release, waive, and forever discharge and covenant not to sue the Danville Downtown Partnership, Town of Danville or the Danville Parks and Recreation Department, its sponsors, and all their officers, agents, members, employees, full or part-time insurers, lessees, lessors, board members, committee members, volunteers and associates of any status whatsoever, all for the purpose herein referred to as Releasees, from all liability to me, my heirs, executors, administrators and assigns for all loss or damage, and any claim or damage therefore, on account of injury to my person or property or resulting in my death, whether caused by the negligence of Releasees or otherwise while I am utilizing the above-described race track facility and/or observing the Mayberry Downhill Derby and/or related event being held in the Town of Danville, Indiana.

I hereby further agree to indemnify and to hold forever harmless the said Releasees from any and all claims, loss liability, damage or cost Releasees may incur due to my presence in the Town of Danville while utilizing the above-described race track facility and /or participating in and/or observing the Mayberry Downhill Derby races and/or events.

I expressly agree that this release, waiver and indemnity agreement is intended to be as broad and inclusive as permitted by the laws of the State of Indiana and that if any portion thereof is held invalid, it is agreed that the balance shall, notwithstanding, continue in full force and legal effect.

I, being of lawful age, in consideration of being permitted to utilize the above-described race track facility and/or participate in and/or observe the Mayberry Downhill Derby races and/or events in the Town of Danville, Indiana release and forever discharge Releasees, their heirs, administrators and executors of and from any and every claim, demand, action or right of action, of whatsoever kind or nature, either in law or in equity arising from or by reason of any bodily injury or personal injuries known or unknown, death, and/or property damage which may occur as a result of my utilization of the above-described race track facility and/or any participation in and/or observation of the Mayberry Downhill Derby races and/or events in the Town of Danville or any activity in connection therewith, whether by negligence or not.

Signature of Participant \_\_\_\_\_ Date \_\_\_\_\_  
Print Name \_\_\_\_\_

Signature of Parent/Guardian \_\_\_\_\_ Date \_\_\_\_\_  
Print Name \_\_\_\_\_

In the presence of \_\_\_\_\_ Date \_\_\_\_\_  
Print Name \_\_\_\_\_

One per participant required.