

Boy Scouts of America, Twin Rivers Council

Fort Orange District

**Participants must
be present to race**



May 10th, 2014
Starting at 10am

Crossgates Championships

at

Crossgates Mall

(Lower Concourse, outside of the new Lord & Taylor)

Traditions have to start somewhere...

Spring is in the air...time to dust off those Pinewood Derby racers, and get to the District Pinewood Derby!

Included in this packet are Official Pinewood Derby Race Information and Build Rules in effect for this event. If you have any questions, please submit them to Steve Bachman, Fort Orange District Pinewood Derby Chair, via the Twin Rivers Council event webpage: <http://www.trcscouting.org/Event.aspx?id=5154>.

Pre-registered participants to receive an event patch, a **\$5 gift card to Fastrax Raceway**, and other goodies.

Two important points to remember:

- ◆ This is a "fun" event for the Cub Scouts and all other participants. Sportsmanship and Smiles are a "must". Let's keep this fun for all and not lose sight of the spirit of scouting.
- ◆ All of the District Pinewood Derby helpers are volunteers and will be doing their best to make sure the Derby runs smoothly. If you experience any problems during the event, please see the District Derby Chair. Disrespecting the Derby helpers and fellow participants will not be accepted.

**The 2014 District Pinewood Derby is made possible thanks to our Community Sponsors.
Please support those who support us.**



FORT ORANGE DISTRICT

2014 CROSSGATES CHAMPIONSHIPS

OFFICIAL PINEWOOD DERBY RACE INFORMATION

The Fort Orange District Pinewood Derby Championship

- Open to all Cub Scouts in the Fort Orange District, including scouts who began 2014 as Webelos but have since crossed over into Boy Scouts. In short, if you have built a Pinewood Derby racer as a Cub Scout in the Fort Orange District after September 1, 2013 you are eligible to race for the Fort Orange District Pinewood Derby Championship.
- Championship qualifying heats will be run for each rank, with awards for Fastest Tiger, Wolf, Bear, and Webelos. The Top 4 of each rank will also advance to the Championship round.
- Championship round will consist of four Semi-Final heats, with a qualifier from each rank in each heat. Winners of these heats will race in the Final with an award for Fastest Overall.
- Webelos Division heats to begin at 10am with check-in.
- Bear, Wolf, and Tiger Divisions to follow...exact schedule to be set after close of pre-registration on May 1st.
- Pre-registration and passing of District Derby Inspection are required. Official District Derby Build Rules must be adhered to and are available on the Council website.
- Entry fee: \$5 before April 18; \$7 before May 1.



Visit <http://www.trcscouting.org/Event.aspx?id=5154> for official build rules and online registration.

Youth Open Championship

- Open to all boys and girls ages 11 and under. Cub Scouts may also enter this Championship.
- Cars will race multiple times and their race times averaged. Four best averages will race in a single elimination Championship Final.
- Top Finalists will earn awards and/or prizes.
- Race to begin after completion of the Fort Orange District Championship...exact time to be set after close of pre-registration on May 1st.
- Pre-registration and passing of District Derby Inspection are required.
- Cars built to Pack rules *may* be approved to race in the Youth Open Championship...contact the District Derby Chair with list of violations.
- Entry fee: \$7 before April 18; \$9 before May 1.

Visit <http://www.trcscouting.org/Event.aspx?id=5154> for official build rules and online registration.

Adult Open Championship

- Open to all Adults, as well as all boys and girls ages 12 and up, may enter this Championship.
- Race is to use the same format as the Youth Open Championship, with qualifying heats and Final.
- Top Finalists will earn awards and/or prizes.
- Race to begin after completion of the Youth Open Championship...exact time to be set after close of pre-registration May 1st.
- Pre-registration is preferred but not required.
- Cars from previous years are eligible to race.
- Cars must pass District Derby Inspection. Note that modified wheelbases are acceptable in this event. All other violations are prohibited.
- Entry fee: \$8 before May 1; \$10 day of event.
- Racers may enter multiple cars for multiple fees, but only one finalist per participant.

Visit <http://www.trcscouting.org/Event.aspx?id=5154> for official build rules and online registration.

FORT ORANGE DISTRICT

2014 CROSSGATES CHAMPIONSHIPS

OFFICIAL PINEWOOD DERBY BUILD RULES

General:

1. Cars must be made from official BSA Official Grand Prix Pinewood Derby Kit. Alternative Pack-provided kits must be approved by the Derby Committee prior to February 8, 2014.
2. Cars must be made for this racing season, no cars (or parts of cars such as wheels or axles) built prior to September 1, 2013 are allowed.
3. Cars arriving after official registration time ends will not be eligible to race and scouts must be present to race.
4. Those showing unsportsmanlike conduct will be eliminated from the competition. Attempts to circumvent the spirit of these rules may lead to disqualification as determined by Derby judges.

Length, Width and Clearance:

1. The maximum overall width (including wheels and axles) shall not exceed 2-3/4 (2.750) inches.
2. The maximum height of the vehicle including wheels should not exceed 3-1/2 inches.
3. The maximum overall length shall not exceed 7 inches.
4. The minimum width between the wheels shall be 1-3/4 (1.750) inches so the car will clear the center guide rails on the track.
5. The minimum clearance between the bottom of the car and the track surface shall be 3/8 (0.375) inch so the car will clear the center guide rails on the track.
6. The wheel-base (distance between the front and rear axles) may not be changed from the kit body distance of 4-1/4 (4.250) inches.

Weight and Appearance:

1. Weight shall not exceed 5.0 ounces. The reading of the Official Race Scale will be considered final.
2. The car may be cut, carved, sculpted, and/or sanded in order to enhance performance and/or appearance.
3. The car may be hollowed out and built up to the maximum weight by the addition of solid materials only, provided the material is securely built into the body or firmly affixed to it. No liquids or loose materials of any kind are permitted in or on the car.
4. No weights or other objects may be taped to the car. Only permanently fastened weights and details are permitted.
5. Details such as steering wheel, driver, spoiler, decals, painting and interior details are permissible as long as these details do not exceed the maximum length, width or weight specifications.
6. Cars with wet paint will not be accepted.
7. The bottom surface of the car should be free of any sharp points or objects to protect the track and stopping pads.
8. The center 1/4 (0.250) inch of the front of the car must not project beyond the starting pin in any way. For design considerations, the center pin is approximately 1-3/4 (1.750) inches above the track surface. It is recommended that pointed or rounded noses be avoided to reduce the likelihood of the car being staged crooked.

Wheels and Axles:

1. Axles and wheels shall be only as provided in the BSA Official Grand Prix Pinewood Derby Kit, or BSA Official Grand Prix Pinewood Derby replacement wheels.
2. Wheels may be lightly sanded to smooth out molding imperfections on the tread area. This light sanding is the only modification allowed. Wheel shape, thickness, or diameter may not be modified. No arched, wedge, rail, or knife tire profiles are allowed – the original tread or contact area of the wheel must be maintained. Beveling, tapering, thin sanding, wafering or lathe turning of the wheels is prohibited. Wheels for the 2014 race may be painted or decorated with decals if desired.
3. Axles may be lightly filed, sanded, and polished. This light filing, sanding, and polishing is for the purpose of deburring the nails. No other axle modifications are allowed.
4. Wheel bearings, washers, bushings, and hub caps are prohibited.
5. The car shall not ride on any type of springs.
6. The car must be free-wheeling, with no starting device or other type of propulsion such as adhesives, magnets, rubber bands, motors, jets, etc.

Lubrication:

1. Only dry powdered lubricants, such as graphite or powdered Teflon “white lube”, will be allowed for lubricating the wheels. Oils, silicone sprays, or any other lubricants that may foul the track surface are strictly prohibited.
2. A car may be lubricated before inspection. Lubrication will not be allowed after the car has been officially weighed in.