

**SUNSET TRAIL DISTRICT
2014
Pinewood Derby**



**Saturday, May 10, 2014
10 am - 1pm**

**LDS Beaverton Stake Center
4195 SW 99th Ave, Beaverton**

Event Details

Each pack can send three racers from their pinewood derby competitions. Each racer needs to register in advance, in order to better prepare our racing order for the day of the event. **Please try and register by May 5, 2014**

The cost for this event is \$5 per racer.

**Online Registration will
be available by
April 1, 2014**

**EVENT RULES &
QUALIFICATIONS**

1. Cars must be constructed from official BSA pinewood derby kits.
2. Cars must have been made since September 2013.
3. Cars may be checked upon entry to ensure they meet car standards. Once checked in, racers will not be allowed to handle their cars until the end of the race. Only in the event that a car is damaged will the racer be allowed to fix the car.
4. If a car leaves the track, runs out its lane, interferes with another car, loses a wheel or axle, etc... that race heat will be run again. If the same car gets into trouble on the second run, that car will be disqualified for that individual heat, or can opt to take the default elapsed race time.
5. The wooden block may be cut to the builder's own design.
6. No body design enhancing the car's starting position is allowed (open V shaped front).
7. Any attachments (windshield, spoilers, fenders, 'drivers,' decals, painting, detailing, etc...) that are used must be solidly mounted to the car. They must not allow the car to exceed the maximum weight, length, and width of car.
8. No loose materials of any kind are permitted in or on the car. No Mercury-weighted cars will be allowed. Internal and external weights may be added to the car only providing they are firmly attached to the car. No weight may be added to the wheels, or the car may not have floating weight that moves in-side.
9. Total weight of the car is not to exceed 5.00 ounces (141 grams). The weigh in at registration is the official weight.
10. The car must be freewheeling, with no propulsion or starting devices that enhance acceleration.
11. The car length cannot exceed 7 inches.
12. The car width may not exceed 2 3/4 inches.
13. The car must have a minimum of 3/8-inch ground clearance and 1 3/4 inch width between wheels.
14. Creating axle holes instead of using the axle grooves provided is acceptable, but the wheel base distance, and ground clearance must still meet all of the guidelines found in these rules.

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| <p>15. The height of the car cannot exceed 7 inches and can not impair any other cars from racing cleanly.</p> <p>16. Only the official wheels and axles provided in the official car kits may be used.</p> <p>17. Wheel bearings, spacers, washers, bushings, and or ridding on any type of suspension is not allowed.</p> <p>18. All cars must have four wheels. Three of the wheels must be touching the track surface at all times.</p> <p>19. Axle nails may be filed or sanded to remove rough spots. No other modifications of the axles are allowed.</p> <p>20. Wheels may be polished to ensure roundness and remove any rough spots. No grooving,</p> | <p>rounding, or other modifications to the wheels are permitted. Any car with modified wheels that do not meet the requirements detailed in these rules will not be allowed to compete.</p> <p>21. Lubrication to the wheels and axles is to be dry graphite only.</p> <p>22. Once a car is weighed in and registered, no other modifications or lubrications will be allowed.</p> <p>23. Once cars are weighed and registered, any repairs that are required must be performed with the permission and under the supervision and witness of race officials.</p> <p>24. Cars unable to be repaired in time for a race will forfeit that race or take the default elapsed</p> | <p>race time.</p> <p>Should any of these rules change prior to the day of the race, changes will be sent to all event-registered packs, and to the district general email distribution list.</p> |
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Additional Event Details

Optional Car Weigh-In Assistance

On Thursday, May 8, 2014 we will provide an opportunity for boys to weigh their car using the same scales that will be used at check-in during the day of the event. Bring your cars on Thursday, May 8, 2014 to the district Roundtable meeting at:

LDS Beaverton Stake Center
 4195 SW 99th St
 Beaverton, OR. 97005

The scales will be available by 7:30pm (after Roundtable announcements). We strongly encourage event racers to bring their cars to be weighed that night, so that you have a few days before the event to adjust the car's weight if needed.

We will still weigh at upon check in at the event.