

Sandia District 2013 Pinewood Derby

Trophies
*Show off your
hard work*



Rev up your engines!

Food & Fun

When: Friday March 22, 2013 6:30pm Race Time

Note: Car Check-in Friday March 22 from 4:30 pm to 6:00 pm in the gym

Where: Highland High School – Main Gym

4700 Coal Ave SE, Albuquerque, NM 87108

**Who: Tigers, Wolves, Bears, Webelos I, & II,
Friends and Family**

maximum 3 scouts per rank. F&F follow the same rules as the scouts

Trophies: 1st, 2nd, and 3rd place

Hey Everyone!

**It takes work to create these cars, take the time to see if
your car is the fastest and have fun competing against
other boys from other Packs.**

Need more information? Contact the Derby Chair:
Matthew Deller 292-5437

PINEWOOD DERBY RULES
Great Southwest Council, BSA

1. Length, Width, and Clearance

- a. Maximum overall width (including wheels and axles) shall not exceed 2 ¾" to prevent interference with the adjoining lanes of the track.
- b. Minimum width between wheels shall be 1 ¾" so car will clear center guide strip.
- c. Minimum clearance between bottom of car and track shall be 3/8" so car will clear center guide strip.
- d. Maximum length shall not exceed 7". Cars shall have a relatively blunt front-end to lean squarely against the starting device.
- e. The block of wood must be from the official BSA kit.
- f. The car must be from this program year.

2. Weight and Appearance

- a. Weight shall not exceed five (5) ounces. The readings of the official race scale shall be final. The car may be hollowed out and built up to the maximum weight by the addition of wood or metal only, provided it is securely built into the body or firmly affixed to it. No loose materials of any kind are permitted in or on the car.
- b. Mercury or other non-solid materials shall be added to the car.
- c. Details, such as steering wheel, river, spoiler, decals, painting, and interior details are permitted as long as these details do not exceed the length, width and/or weight specifications.
- d. Cars with wet paint will not be accepted.

3. Lubrication

- a. Only dry powder lubricants, such as graphite or silicone sprays may be used. Regular oils and some sprays may soften the plastic wheels.
- b. Cars may be lubricated before inspection, no further lubrication will be permitted once submitted for inspection

4. Wheel and Axles

- a. Only the official Scout Grand Prix wheel and axles shall be used. Wheels may be sanded to remove the mold projections on the tread, but **shall NOT be SHAPED**. Beveling, tapering, this sanding, wafering, lathe turning or other modifications to wheels are **prohibited**.
- b. Wheel bearings, washers and bushings are **prohibited**.
- c. The car shall not ride on any type of springs or other suspension. **No Solid Axles will be accepted**.
- d. The car must be freewheeling with no starting device or other propulsion.
- e. All four (4) car wheels must make flat contact with the track, **no-3-wheeled cars will be allowed**
- f. The wheelbase (distance between front and rear axle) may **not** be changed.

5. Ground Rules

- a. If a car jumps off the track, the track will be checked and the heat will be run again. If the same car jumps the track a second time (in the same heat), it will automatically lose the heat.
- b. If a car leaves its lane and interferes with other cars, the heat will be run again. If the same car leaves its lane and interferes with the other cars a second time, the interfering car will automatically lose the heat.
- c. If a car suffers a mechanical problem, such as losing an axle, breaking a wheel, etc., the racer will be allowed two (2) minutes for repair and the heat will run again. If the repair cannot be made in the allotted time, the car will automatically lose the heat. Repairs will be performed in the designated Pit Area and will be witnessed by a judge. No modifications other than the repairs will be allowed. Officials may not assist with the repairs.
- d. The race will be electronically judged. If a malfunction occurs, human judges will be appointed by the Pinewood Derby Chair. They will be at the finish line. ALL judges must agree on the winner or the heat will be re-run.
- e. Only race officials and boys will be permitted in the registration area and officials only in track areas.
- f. Each Unit must have a representative assisting with the race.
- g. Friends and Family (Open) as well as Scout cars will meet these rules.
- h. The Scout will race in the age group he raced at their Pack Derby.
- i. All Proxies must be Scouts, No adult proxies, one proxy per car, and one car per proxy.

6. Inspection and Disputes

- a. Each car must pass inspection by the official inspection team before it competes. The inspection team has the responsibility to disqualify cars that do not meet the rules. Car owners will be informed of the violations and given a chance to modify their car to meet the rules outside the race building, i.e., outside or at their car.
- b. Any participant (including the parent of the racer) has the right to appeal to the race committee for an interpretation of these rules. The race committee by majority vote will be the final judge of these rules. In case of a tie vote, the decision of Pinewood Derby Chair will be final.
- c. Ungentlemanly or unsportsmanlike conduct by any participant or member of the audience will be grounds for expulsion from the competition and/or race area.

LET'S RACE!!!!!!

2013 SANDIA DISTRICT PINewood DERBY

Registration Form

EVENT CODE: 303

Online, Mail or deliver by Friday March 15, 2013 to the Council Service Center:
5841 Office Blvd. NE, Albuquerque NM 87109

Pack # _____ Contact Name: _____

Position in Pack: _____ Phone Number: _____

Race

Enclosed is \$ _____ to register _____ Cub Scouts at \$10.00 per entry.

\$ _____ to register _____ \$15.00 after March 15, 2013

(List all entrants)

Tigers	1.	2.	3.
Wolves	1.	2.	3.
Bears	1.	2.	3.
Webelos 1	1.	2.	3.
Webelos 2	1.	2.	3.

Friends and Family	1.	2.	3.
Friends and Family	4.	5.	6.
Friends and Family	7.	8.	9.