

WATER AND WOODS– NORTH PINWOOD DERBY

RULES & REGULATIONS FOR RACING

(Some Packs have their own rules, which do not apply here)

DERBY RACE IS FOR TOP (4) PLACES IN EACH PACK

(4 TIGER CUBS / 4 WOLF / 4 BEAR / 4 WEBELOS)

This is an open event to all scout racers after Feb 7th

- Overall width shall not exceed 2.75 inches.
- Overall length shall not exceed 7.00 inches.
- Overall height shall not exceed 3.00 inches.
- Weight shall not exceed 5.00 ounces.
- The car may be hollowed out and built up to maximum weight by the addition of wood or metal only, provided it is built securely into the body of the car. (sliding weights are not permitted)
- Minimum clearance from the bottom of the car to the bottom of the wheels shall not be less than .375 (3/8) inches.
- Minimum wheel span is 1.75 inches.
- No loose materials of any kind are permitted on or in the car.
- Wheel bearings: washers and bushings are prohibited.
- The car shall not ride on any type of springs.
- Details such as steering wheel, driver, decals, painting, interior details are permissible as long as these details do not exceed the maximum length, width, and weight specifications.
- Original parts must be used. No substitutions of wheels or axle will be permitted. Official Pinewood Derby replacement parts are acceptable.
- The car should be a joint effort of Scout and adult.
- Each car must make a minimum of three trips down the track.
- Once the car is checked in, only derby officials will be allowed to touch the car. Contestants will may be allowed to make repairs to the car. If the car cannot make the trip down the track it will be disqualified.
- **Wheels may not be shaved, the minimum wheel width is .375 (3/8) inches. Wheels may not be tapered, rounded, or angled to minimize track surface contact.**
- **The axle must be set in wood, with the head of the axle exposed for inspection. Axle may not be shaved, tapered, rounded or angled to minimize contact with wheel.**
- Addition of metal to the car shall be limited to weights and decorations. The car's mainframe construction shall be of wood.
- The only lubrication to be used on the wheels is graphite or Teflon.
- The car must be freewheeling with no starting devices.
- Each car must pass inspection by the official inspection committee before it may compete. The inspectors have the right to disqualify those cars that do not meet these specifications *or the spirit of which the race is intended.*

Repairs can be made to Disabled cars only and during the repairs NO additional lubricant can be added. You will only have the time between races to make a repair. All repairs must be supervised by a pinewood derby official.

Remember Scouts design the car. If you try to read between the lines of these rules chances are you will be disqualified.