



2010 Arrowhead District Pinewood Derby Rules
April 10, 2010 at East Knox High School
Hosted by Pack 344



- The car weight shall not exceed 5.0 ounces or 141.7 grams. The official race scale shall be considered final.
- The car wheel base may be lengthened but the overall length of the car shall not exceed 7 inches.
- The overall width of the car shall not exceed 2 ¾ inches.
- The car must have 1 ¼" clearance between the wheels.
- The car must have 3/8" clearance underneath the body.
- The wood provided in the kit must be used. The block may be shaped in any way that is desired.
- The wheels supplied with the kit or BSA colored wheels can be used.
- The wheels may not be cut, drilled, beveled or rounded. You may remove the seams and imperfections from the wheel.
- Wheels and axles may be lightly sanded and polished.
- Beveling, thin sanding and wafering are prohibited. Do not alter the width or diameter of the wheels.
- Wheel bearings, washers, and bushings are prohibited.
- The car may not ride on any type of springs.
- The car must be free wheeling, driven entirely by gravity, with no starting device or other propulsion.
- Only dry powder lubricants, such as graphite may be used.
- Cars shall not be lubricated after inspection.
- Once a car passed inspection and is entered into the race, only race committee members can touch it.
- If the car loses a wheel, or is otherwise damaged, the racer shall have 5 minutes to make a repair.
- Each car must pass inspection by the tech inspection judge before it will be allowed to compete.
- The tech inspection judge has the responsibility to disqualify those cars that do not meet all 2010 Arrowhead district race specifications.
- Good Sportsmanship and behavior is expected. Race Officials may ask anyone not following this rule to leave.
- The Derby is open to registered Scouts in the Arrowhead District that qualified at its Pack race (1st-4th place) and one Best of Show.
- Cars must have been made for this year's derby. Cars made for a previous Derby are not permitted. Wheels or axles from previous derby are not permitted.
- The body may have no moving parts.
- The entire car must stage behind the starting pin.
- The race car may not be constructed or treated in such a way that the track's starting mechanism imparts momentum to the car. For instance, this provision disqualifies cars with sticky substances or magnets on the front of the car and protrusions which may catch on the starting pin.
- No loose material of any kind, such as lead shot, may be used.
- Cars will not be accepted with wet paint.