



Pinewood Derby Rules

READ AND FOLLOW RULES CAREFULLY!

- 1) Cars are to be built and decorated as a joint (cub/ parent) project with the cub doing as much of the work as possible. Have Fun!
- 2) Lubrication: Approved lubricants (graphite) may be used on the car. However, **NO lubricant of any kind will be permitted at the race site.** Save time and spin your wheels to remove any loose lubricant before you come to check-in. The first check at weigh-in will be a lubricant check. If a car sheds lubricant at the step the owner of the car will be asked to clean their car outside of Woodland School. A car must pass this "no-lubricant" check-in step before the other check test are done.
- 3) Build cars from kits provided by your unit. Pre cut kits are **not** allowed. Avoid pointed fronts as they will have problems at the starting gate.
- 4) In all cases the decisions of the Pinewood committee will be final and uncontested. You must be on time for all events in which you are to participate.
- 5) Dimension of cars:
 - a) Maximum overall width including wheels & axles shall not exceed 2.75 inches.
 - b) Maximum length shall not exceed 7 inches.
 - c) Minimum width between the wheels shall be 1.75 inches (to clear guide strip).
 - d) Minimum clearance between bottom of car and track shall be 3/8 inches.
 - e) Cars taller than 6.5 inches will hit the finishing device.
- 6) Weight shall not exceed 5 ounces. No loose materials of any kind are permitted.
- 7) Wheels and axles:
 - a) Only the official wheels and axles supplied with the kit may be used. Wheels and axles may not be modified except for stem removal.
 - b) Wheel bearings and washers are not allowed on the axles.
 - c) The car shall not ride on any type of springs.
 - d) The car must be free-wheeling with no starting device or other propulsion
 - e) The car must ride on all four wheels.
 - f) Wheel axels must be in precut slots.
- 8) Events and awards: 1st, 2nd, and 3rd place overall, 1st, 2nd, and 3rd place per rank, Participating scouts will vote for cars in their rank for: Biggest, Best Paint, Fastest Looking, Funniest, Colorful, Creative, Detailed or Realistic. Ribbons to be given for winners of the voting.
- 9) Any cars that need adjustments (e.g. adding weights gluing wheels, etc.) in Gasoline Ally will restart the check-in process.
- 10) The decision of the pack pinewood derby committee will be final on all rulings.has the final Cars that have been run in a previous years's Pinewood Derby are not allowed.
- 11) Bring registration form to Weigh-in



Registration Form



Scout Name _____ Town _____ Zip _____
 Address _____
 Phone _____ Pack # 228
 Scout Rank Tiger Wolf Bear 1st Year Webelos 2nd Year Webelos

OFFICIAL USE ONLY Chart completed at weigh-in Number Assigned _____

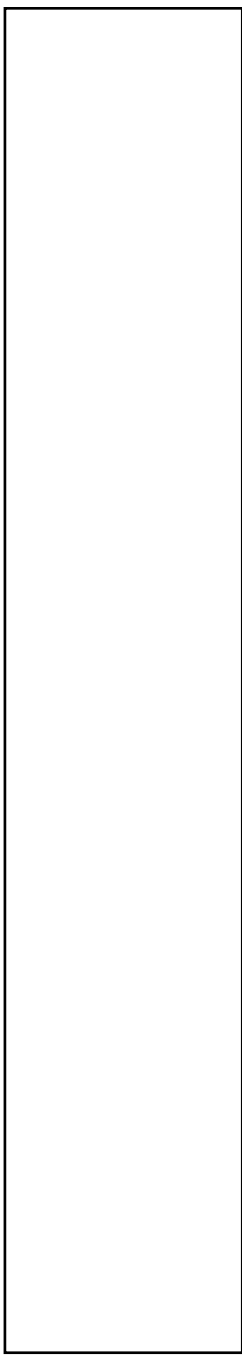
Check	Chart completed at weigh-in		Check	Number Assigned	
	Pass	Fail		Pass	Fail
Stock Axle			Side		
Graphite check			Length		
4 wheel Check			Height		
No Tire sharp			Wheel bases		
Moving parts			Axles in slots		
Weight (5oz max.)					

Pinewood Derby Car Design

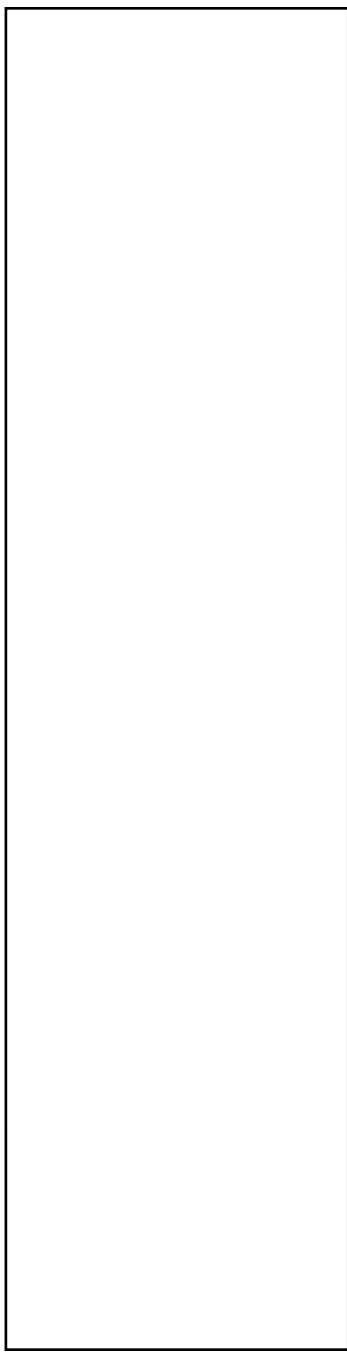
Scout Name _____

The following boxes represent the different views of your pinewood derby car. Use them to sketch the shape of the car you want to build. Boxes are the actual size of the block of wood. Please note the rules for size and weight when designing your car. More than likely you will have to add weight to the car.

Side View



Top View



Front End View



Back End View

