

AHG MO2002 PINEWOOD DERBY PROCESS

(Modified from Pack 957 for AHG)

Who can race?

Pinewood is a family event. However, racing and door prizes are limited to Pack 957 Cub Scouts, AHG members Pathfinders through 6th grade Explorers, and their Siblings between age 4 and 5th grade. Everyone is welcome to bring cars and display them in the special display area. Parents, please remember that this is an opportunity to do something **WITH** your daughter, **NOT FOR** your daughter. Let her plan, dream, design, research, draw, cut, sand, paint, assemble, lube, carry, register, hope, and cheer as much as she can **SAFELY** do. (NOTE: A new racing category has been added for Boy Scouts and parents/guardians. Use this opportunity to funnel your energy into your own car if you find yourself trying to take over your sons or brother's car or if you are just looking to race a car of your own.)

What to do on race day?

When the racers arrive they can take their car to Pit Row for a preliminary inspection, or they can proceed to the Registration Area.

At the Registration Area, the car will be inspected and weighed. The racer/adult partner will be given the choice to proceed with registration or to go to Pit Row. If they proceed with registration a number will be assigned to the car. The number will be placed on the top of the car and on the racer's nametag. The car will then be placed in a secured viewing area.

At Pit Row, the car can be weighed and inspected (Please remember: The Officials at the Registration area have the final say on Weight and the Inspection rules). The Pit Mechanics can help add or remove weight, fix wheels, apply graphite, and make minor repairs. They might even give you some last minute speed tips.

While waiting for the races to start, look around. Check out the other cars. Talk to others about how you built your car. Get your picture taken by some of the racing banners or posters. Get something to eat. Maybe even watch a racing video and see what it's really like to take a car around the track at 240 miles per hour!

When the races start, listen for your car number. Cheer for your friends on every race and have fun!

How are the winners determined?

This is NOT a double elimination event! In a double elimination event, half of the field is eliminated after two rounds, racers are given their cars and they have nothing to do. We use a computerized timer to find the fastest car. By using a time-based system and lane rotation, all the racers continue to race until the very end, when the winners are determined by the lowest average time.

At each race, six cars will run down the track. They are mixed based on the number assigned at registration. After each race, the results for that race are projected from the computer to the overhead. The lane assignments and racers are assigned by the computer to make it fair for everyone. After racing on each lane, the fastest cars will be determined. In the event of a tie, runoff races will be held. This process is easy to track and keeps all the racers involved. In some cases, you even get groups rooting for each other.

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What awards will be won?

- The first and best award (reward) is that the girls can see the car they made and be proud of their accomplishment. The adults get the reward of working on a project with the girls and having fun with them at the race.
- Every AHG member that enters a car will receive a Pinewood Derby Patch, a car display stand (at the end of the race if they want it) and door prizes (during the racing event).
- An award will be presented to the first, second and third place winners within each level of AHG (Pathfinders, Tenderhearts, Explorers) based on overall speed. A first place trophy and second and third place ribbons will be awarded to sibling winners.
- Static awards will be determined by the votes of AHG parents. A certificate will be awarded for:

Most Patriotic
Most Realistic
Most Original

Best Stickers/Decals/Colors
Best in Theme
Best Camouflaged

Most AHG-like
Fastest Looking
Wackiest