

PACK 381

PINEWOOD DERBY

SATURDAY, MARCH 26, 2011

RULES:

The purpose of the Pinewood Derby is to work with your son in planning and building a car that meets the rules defined below, promotes fair competition and good sportsmanship.

1. The car weight shall not exceed 5.0 ounces. The official race scale shall be considered final.
2. The overall length of the car shall not exceed 7 inches.
3. The overall width of the car shall not exceed 2 ¾ inches.
4. The car must have 1 ¾" clearance between the wheels.
5. The cars must have 3/8" clearance underneath the body.
6. The wood provided in the kit must be used. The block may be shaped any way that is desired. The front end of the car cannot be cut away or modified to give unfair advantage at the starting line. The resting point for the start of the car must be the original wood material. No added materials that rest on the starting post will be allowed.

** If you need to replace the wood for any reason, contact the Derby Chairman to get a pack-issued replacement car. The cost is \$5.00.

7. The wheels supplied with the kit must be used. The wheels may not be cut, drilled, beveled or rounded. You may remove the seam from the wheels.

** If you need to replace the wheels for any reason, contact the Derby Chairman to get a pack-issued replacement car. The cost is \$5.00.

8. The axles supplied with the kit must be used. They may be polished or lubricated.
9. Wheel bearings, washers or bushings are prohibited.
10. The car must not ride on any type of springs.
11. The car must be freewheeling, with no starting devices.
12. No loose material of any kind, such as lead shot, may be used.
13. The Derby Committee decision on any car will be final.

Remember - The purposed to the Pinewood Derby is to work with your son in planning and building a car that meets the rules defined above, promotes fair competition and good sportsmanship.

Each car must pass inspection by the official inspection committee before it will be allowed to compete. The Inspection Committee has the responsibility to disqualify those cars that do not meet these specifications.

CHECK IN DAY:

1. Check in day will be Friday, March 25th.
2. Check in time will be 6:00pm – 8:00pm.

3. Location: Creekside Elementary School, 3480 East Street, Hartland, MI
4. Weigh- in will take place at this time. Car cannot exceed 5.0 ounces, utilizing the pack scales provided at check-in. Be prepared to add or remove weight, as needed.
5. The track will be available for test runs, prior to check. It is recommended that you minimize your test runs, to prevent accidents from happening.
6. All cars will be assigned a pre-defined number at weigh-in.
7. All cars for sibling open class or other misc. races must be checked in on Check In day. They must follow the same requirements as the Cub Scouts cars.
8. All cars will be confiscated on Friday, March 25th. You will not be able to touch the car after it is confiscated.
9. Cars will not be accepted after 8:00pm Friday, March 25th.

If for any reason, you cannot get your car to check-in on Friday, March 25th please contact Bill Sapp at kbsapp@aol.com prior to Friday. We will make arrangements to pick up your car. It is imperative that you get your car check-in on Friday to be fair to all the boys and to those who are volunteering their time to coordinate all the events.

RACE DAY:

1. Race day is Saturday, March 26th.
2. Racing will start 10:00am
3. Location: Creekside Elementary, 3480 East Street, Hartland, MI
4. Racing rotation will be determined based on the racing software.
5. Everyone will run on all the lanes.
6. The winners will be based on the total "fastest" time. This may or may not be the car that has "won" the most races. This will be determined by the racing software.
7. Sibling race will take place upon completion of all scout races. Sibling cars must meet the same requirements as the scout cars.
8. Adult races will take place upon completion of all sibling races. The adult race will require a \$5.00 contribution. The only rule is it must fit on the track.