

Pinewood Derby 2011 Requirements

- Step 1 Cars can only be used that were handed out this year.
Cars have already been cut out and are ready for sanding in preparation for painting. Please put your child's name and grade on bottom of car with magic marker.
Example: Write last name and if first grade boy, put 1B or second grade girl 2G.
Cars must be purchased this year.
- Step 2 Cars should be sanded to be prepped for painting with the 2 grades of sandpaper that have been given to you. 150 grade should be used first. 220 grade should be used second for final finish sanding for painting. (Do not sand in weighted area.)
- Step 3 Paint car body. Spray painting the car is more efficient than brush painting. Auto enamel paints dry quickly and have a high gloss finish. Spray paints are available from your local hardware or hobby shops (North-Mar has a limited supply in limited colors – you are welcome to use it). Be sure your primers are compatible with your finish coat. For best results, after applying your primer and allowing to dry overnight, use fine sand paper or steel wool between coats of paint. Suggestion would be to make a paint booth from a large cardboard box to restrict paint overspray and have plenty of newspapers available to protect other surfaces. Room should be well ventilated. Cars can be painted in weighted area. Remember, after painting the **bottom** of car, child's name and grade must be printed with black Sharpie® marker (these are available at North-Mar Church).
- Step 4 Apply stripes, decals, and numerals. Local hobby and craft stores will normally carry stripes, decals, and numerals. Your child may also want to give his/her car a theme.
- Step 5 Weights have been added in advance this year. Cars have all been weighted at approximately 123 grams. When wheels and axles and paint are added the car should come to the recommended grams of 142. If any cars are overweight, cars will be drilled out to meet weight requirements.
- Step 6 **Wheels and axles supplied by North-Mar can only be used.** Wheels and axles were not supplied to you with the car. If you would like to apply the wheels and axles, please have your child request and he/she will be given a set to take home. Otherwise the wheels and axles will be put on by the volunteers at North Mar. **If parents decide to put on wheels and axles, cars must be returned by 03/09/11 to be eligible for the race.**
- Step 7 All cars should be kept in a safe place. After the cars are finished and wheels have been put on either by you or North-Mar volunteers, the cars will be stored at North-Mar Church until race day. During that time, all cars will be checked and lubricated to be sure they are ready for the race. All cars will be given test runs before race day.

Remember to refer to the Pinewood Derby 2011
Schedule for important dates!

Pinewood Derby 2011 Schedule

Due to the limited time we have had in the past working on Pinewood Derby cars during KidsZone classes, we are going to try a new schedule of having a workshop for different classes prior to KidsZone each Wednesday evening. The schedule is listed below to give you the dates and times that your child would need to be there for preparing their car for the derby race. The work that will be done during this period of time would only be preparing the car for painting. Painting needs to be done at home. **Please refer to our Pinewood Derby 2011 Requirements.** Any parent who would like to attend or volunteer to help is welcome.

Workshop Dates and Times – Wednesday Nights 5:30 – 6:30

02/02/11 First and second grade boys and girls and 5th grade girls.

02/16/11 Third and fourth grade boys and girls and 5th grade boys.

02/23/11 First and second grade boys and girls and 5th grade girls.

03/02/11 Third and fourth grade boys and girls and 5th grade boys.

03/09/11 All cars must be returned: completed, sanded, painted, decaled, etc., ready for wheels and axles to be put on. If any parent wants to put on their own wheels and axles, students must request wheels and axles prior to 03-09-11. But cars will still need to be returned on 03-09-11 to be eligible for the race. Cars will be stored at North-Mar Church during this time. Volunteers will be adding wheels and axles, lubricating cars, checking weights, and being sure the car is race ready, including test runs before race day.

03/19/11 2011 Pinewood Derby Race Day

All cars will be raced on this day by class. Schedules will be announced at a later date. Medals will be given to the winners of each grade after their grade has raced. A medal will also be given for the “Best of Show” the day of the race. Our judges will select the “Best of Show” car which best meets the following criteria:

- (1) the car was “done” by the child with a just a little bit of adult help; and
- (2) thought and creativity.

Food and refreshments will be available during this fun event.

