



2017
Middlebury Pack 6
Business Pinewood Derby



Middlebury Pack 6 is sponsoring a Business Pinewood Derby for the purpose of securing funds to purchase items for the pack. This event will give an opportunity for business owners to enjoy a fun-filled evening while supporting a group of boys that seek to improve their life skills morally and physically.

As a Business Sponsor of the Derby, you will receive

- Business Name recognition to over 40 families in our pack that may result in an increase in sales for your business
- Business recognition in any media releases
- Official Pinewood Derby Car kit
- Refreshments and non-alcoholic beverages on the evening of the event
- Certificate of Sponsorship
- Enhance your company's name recognition, image, and reputation
- Build positive community relations through your involvement with Middlebury Pack 6 families

Contact Information:

Cubmaster Rich Von Culin
203-758-2808
32 Green Hill Road, Middlebury CT 06762
richard.von_culin@boehringer-ingelheim.com

Entry Fee: \$50.00 if you build the car
\$75.00 if we build the car for your business

Dates:

January 25, 2017 Official weigh in and inspection
6:00 – 9:00 pm
Shephardson Community Center Room 5
(See attached rules & specifications for cars)

January 28, 2017 Derby Green Flag
4:30 pm
Middlebury Fire House
65 Tucker Hill Road, Middlebury, CT 06762

Event will take place regardless of weather.

Awards:

Trophies will be awarded to the first three places for sponsorships up to 29 cars. Should the pack receive 30 cars or more sponsored, we will trophy up to five places.

The First Place winner will also receive a plaque with their business engraved on it to be placed in their business detailing their winning car sponsorship with Pack 6. This plaque will remain in the business until the next Business Pinewood Derby sponsored by Pack 6.

Awards will also be given for:

Best Car not a Car

Best Car detailing best representation of business

All car sponsorship contact information along with entry fee must be received before the business will be recognized as a sponsor.

Sponsorship entry fees are to be made payable to **Middlebury Pack 6** and can be mailed to the Cubmaster's address (32 Green Hill Road, Middlebury CT 06762). Please include a business card or logo with your entry form. Once sponsorship entry fee has been received, a derby car kit will be delivered to your business within 3 business days. Remember, the earlier you register, the faster your car could be!

Middlebury Pack 6 Business Derby Entry Form

Business: _____

Contact Person: _____

Address: _____

Email: _____

Telephone: _____

Middlebury Pack 6 Pinewood Derby Race Day Rules

1. A completely new Pinewood Derby car must be built each program year to race in the Pack 6 Pinewood Derby. Cars built and raced in previous program years will be disqualified. This is an Honor System rule.
2. Each scout will present his car at the inspection table to have the car checked for correct dimensions and weight. **See 'Racing Specifications' sheet below.**
3. All Cars must have a name and will be given a number according to rank and den.
4. After the car passes inspection, it will be placed on a 'Restricted Table'. The car will not be touched by anyone, except a race official, after being placed on the 'Restricted Table'.
5. In case of illness or accident, someone may present the scout's car for the race.
6. All cars will be handled, placed on and off the track, by race officials only.
7. Heats will be run on a random selection system.
8. Car repairs during the race are prohibited unless the car is officially removed from the track by Den Leaders. In that event, all cars from that heat will be held by the Leaders until repairs are completed, and the repaired car is reweighed and re-inspected for compliance. The scout will be allowed to make repairs under supervision of a Den Leader. 5 minutes will be allowed for repairs. All cars in that heat will be re-run immediately upon completion of repairs.
9. There will be spare parts for repairs available on the race day. A hot glue gun will be available for the use of anyone needing it. A drill will also be available.
10. Only Den Leaders and Judges will be allowed access to the area immediately surrounding the track and tables with the cars.

RACING SPECIFICATIONS

1. WIDTH: **Overall width shall not exceed 2 3/4"**. If the car design you choose has a narrow body, make sure the area where the axles are inserted into the body remain within the racing specifications.
2. LENGTH: **Overall length shall not exceed 7"**.
3. HEIGHT: **Overall height shall not exceed 3 1/2"**.
4. CLEARANCES: **Distance between the wheels shall not be less than 1 3/4"**. **Clearance beneath the car shall be at least 3/8"**.
5. WEIGHT: Weight shall **not exceed 5 ounces** or **141.75 grams**. The car may be hollowed out or built up to the maximum weight by adding material. All material added to the car must be securely fastened to the car. No moving material or parts will be allowed.
6. WHEELBASE: **Wheelbase** (distance between the axles from front to rear) **will remain at the as delivered dimension of 4 3/8" +/- 1/8"**. The original slots in the wood block may be filled and re-drilled to insure that they are 'square'. But the original dimension must be maintained. If the block is drilled, this must be done in such a way as to allow inspection of the axle pointed ends.
7. AXLES: The **axles** provided in the **Official BSA Pinewood Derby** kit are the only axles that will be allowed. Axles may be de-burred and polished. The point of the axles must be visible to check that the axles are from the kit.
8. WHEELS: The **wheels** provided in the **Official BSA Pinewood Derby** kit are the ONLY wheels allowed. They are clearly marked as being BSA supplied. The ONLY alteration allowed to the wheels is to sand off the plastic casting ridge from the production mold. The markings on the front side of the wheel must remain clearly visible. All other alterations, including rounding of the tread area edge, tapering, grooving, ridging or adding material to the wheels is expressly prohibited. The kit provides wheels with different numbers on the inside of the wheel. You must have three different numbers on wheels. No internet wheels.
9. ATTACHMENTS: Wheel bearings, washers, bushings, or any such material that may act as a bushing or bearing is expressly prohibited. The car may not ride on any type of spring. The car must be free wheeling with no starting device of any kind.
10. DETAILS: Detail attachments such as steering wheels, driver figure, decals, paint, pipes, etc., are permissible as long as these detail items are securely attached, and do not exceed the Racing Specifications for weight, length, height and width.
11. LUBRICATION: Graphite powder or TEFLON powder are recommended. No liquid lubricants of any kind are allowed. TEFLON is available through BSA supply sources. (Scout Shop)
12. INSPECTION: Each car must pass an inspection by Event Committee Officials before it may compete. The inspectors have the right to disqualify those cars that do not meet the above specifications.