Appalachian Trail District
Pinewood Derby

WHEN: Saturday February 10th, 2018
Registration Starts at 8:30 and Racing begins at 10:00 am.

COST: $7.00 per racer. Register on the Atlanta Area Council Calendar or you can register the day of the event.

WHERE: Carriage Kia of Woodstock
630 Olde Rope Mill Park Road, Woodstock, GA

carriage KIA

This is not a District Championship. All Cub Scouts & Siblings from the Appalachian Trail District are welcome
For more information or questions, please contact
Jason Norred – Jason@norred.net

Rules and Regulations

1) **Inspection:** Each car must pass inspection by the Official Inspection Committee before it can be registered. All cars must meet "Car Specifications" as outlined later. All lubrication and weight adjustments must be completed prior to inspection.

2) **Registration:** Once a car passes inspection, it is registered, assigned a race number and placed in the Pit Area by the pit staff. The car MUST remain in the Pit Area at all times when not racing. NO lubrication or other adjustments are allowed after the car has been registered.

3) **Repairs:** If a car should need repair after registration, the Race Official must be notified. All repairs are to be completed in the Pit Area under the direct observation of the Race Officials by the designated official repair official.

4) **Racing Damage:** If a car loses a wheel or sustains other damage during a heat, that heat will be re-run. If the damage occurs during the re-run, then the damaged car loses that heat.

5) **Racing Re-Runs:** Should there be an improper start or other condition affecting the heat, re- running the race shall be at the discretion of the Race Official. If a car leaves it's designated lane during the heat, that particular heat will be re-run. If the same car leaves the same lane during the re-run, that car loses the heat.

6) **Scout Responsibilities:** Only the Scout, or their designated "stand-in" youth, may handle the car during the race. This includes placing the car on the starting line and recovering it at the finish line. At no time may any adult, including the Staff, handle a car without the prior permission of the Race Official in charge of the pit. Pit staff will bring the car to the starting line to be placed by the Scout, and the scout will return the car to the pit staff after the heat is complete.

Standard Car Specifications

a) All cars should be made from the Official Cub Scout Pinewood Derby Kit, although cars will only be disqualified if different wheels and/or axles are used, or the following specifications are not met.

b) All cars must be new this year; cars from previous years may not be used.

c) **Width:** Overall width shall not exceed 2-3/4 inches.

d) **Length:** Overall length shall not exceed 7 inches.

e) **Ground Clearance:** The minimum ground clearance shall be 3/8 inch. (Required to clear the track lane guide.)

f) **Width between wheels / wheelbase:** The minimum width between the wheels shall be 1-3/4 inches (Required to clear the track lane guide) and the axle location should be the same as provided in the BSA kit, although drilling new holes with the same spacing and location is allowed.

g) **Weight:** The car weight shall NOT EXCEED 5.0 ounces.

h) **Axles:** The nails included in the BSA kit are the only acceptable axles, and no bearings, spacers, washers or other additions are allowed. Axles shall be placed in the original slots provided in the wood block from the Car Kit, or new slots or holes may be cut or drilled with the same spacing and distance from the ends of the car. The pointed ends of the axle nails will be visible, or inspectors reserve the right to remove the axle of a winning car for inspection after the race to verify the original axles were used.

i) **Attachments:** The car must be completely freewheeling with no starting devices, motors, magnets, or powered devices of any kind.

j) **Wheels:** The wheels must be the ones provided in the Car Kit, or official BSA Pinewood Derby wheels purchased from BSA. Wheel shaping of any kind is prohibited. This includes rounding of the wheel and decreasing the width, height or shape of the wheel. The only wheel modification allowed is light sanding to remove plastic burrs and casting marks. The BSA marking on the wheels must still be visible. At least 3 wheels must touch the track.

k) **Lubrication:** Only dry lubricants such as powdered graphite is permitted. All other lubricants such as oils or waxes are prohibited.

l) **Added Material:** Additions to the car body or other details for either weight or decorative purposes are permissible if all the above specifications are met including height, width, ground clearance and weight. All additions must be securely attached to the car and be fixed in place with no movement in relation to the car body.

Outlaw Class

- Parents and Adult Leaders are encouraged to participate in our Outlaw Class race where some of the build specifications are relaxed and creativity is encouraged.
- Cars entered in the Outlaw class will only need to conform to the following Car Specifications: C, D, E, G, & K
All other specification may be ignored for Outlaw Class ONLY.
- Participants in the Outlaw Class will race after all other classes and may be limited to a smaller number of heats depending on time.

Awards

Trophies for 1st, 2nd, 3rd overall speed

Metals for 1st, 2nd, 3rd top speed by Cub Scout Rank

Only 1 trophy or metal will be awarded per boy. Fastest overall cars will NOT also receive a trophy for their rank. The next fastest cars in that rank will be moved up. E.g. If a Tiger Cub has the fastest overall car, he is not eligible for the 1st place Tiger trophy. The 2nd, 3rd and 4th place Tigers would be advanced to 1st, 2nd and 3rd.

Schedule of Events

8:30am – 10:00am

Registration

10:00am – 1:00pm

Race (all Ranks)

1:00pm (or when racing is finished)

Awards Ceremony and Lunch