

Pinewood Derby Race & Show Car Judging – 2010

To: All Cub masters and Pack Committee Chairpersons

From: Judy Henderson, 2009 /2010 SRAC Pinewood Derby Committee Chairman

Official Rules and Procedures

The attached rules will be the only guidelines used for the race, which will be held on **April 17, 2010**, at the Governor's Square Mall (in front of Dillard's). Please ensure that all Cub Scout families receive copies of these rules and procedures, as part of your Pinewood Derby program. Also attached are some procedures that will be followed on race day, by the participants.

Please review these procedures with all participants sent to the Council race.

This year's race will have **staggered check-in** and start times for each rank/level. The check-in and race times will be as shown on the attached schedule. There will be no overall races, i.e. Tiger Cubs racing against Webelos or Bears against Wolves, etc. All races will be conducted appropriately, according to rank/age level, with all awards presented immediately following each race. The longest time any individual Cub Scout will be required to be at the races will be an hour and a half, from the beginning of his check-in period until the end of the awards period for that race. The only exception will be the Design/Show car entries, which will last for 3 and half-hours. However, unlike the racers, those Cub Scouts may enter their cars and return later for the awards ceremony.

Please return the enclosed entry form and all applicable fees to the Council Office, no later than **April 7, 2010**, so that we may know your Pack's intention to participate and the entrants that you are sending to the race. All entry fees must be paid prior to race day. Once the data entry person has picked up the registration forms there will be no late entries. There will be no exceptions to this payment policy; any entrant not paid prior to race day will not be allowed to enter the race. We will not be equipped to take in money on race day.

All racers, parents and leaders are reminded that the races will be held in a public area and that no negative attitudes or comments will be permitted. Any person displaying such attitude or making such comments will be asked to leave the race area. Let's remind all of our scouts, leaders and parents of the values of good sportsmanship.

Also, as you will note from the enclosed race day information sheet, there will be no "garage" or other car repair facility setup at the race area. Any repairs/adjustments needing to be made prior to final entry of the cars will need to be made **outside of the Race area**. With this in mind, we have established a pre - inspection/weigh-in day, at the **April 15th Roundtable from 6:00pm – 6:30pm**. We will not be providing any certifications of inspection on that day, as all cars will have to be re-inspected and re-weighed on race day. But, it will be a good time for your boys to bring their cars and have them inspected and weighed on the same scales that will be used on race day and they may make any adjustments needed that day and have them inspected and weighed, as many times as they wish.

If you have any questions or need clarification of anything within these rules/procedures, you may contact **Judy Henderson at 850-878-5312**. This is the only person who can answer/clarify this information. Please do not contact the Council Office for any questions or clarification beyond what is written in the attached rules/procedures. The Council Office staff will only be assisting in administrative and money collection activities and have not been a part of the rules development process. They will only direct you to the above listed person for further information, beyond what is specifically written here. Also, please see the Council's website at <http://www.suwanneeriver.net> for these documents and other information.

If you would like to display your Pack's flag or a banner on Race day, you may bring it Friday night to the Mall at 9:00pm.

You will be responsible for picking it up by 5:30pm Saturday.

Registration Form
Race Date: April 17, 2010

The entry fee per car is \$6.00 – made payable to BSA

Return to: Suwannee River Area Council, 2032 Thomasville Rd., Tallahassee, Fl. 32308 or:
FAX to: 575-6991

Please PRINT:

Return by April 7, 2010

PACK # _____

Cub master's Name & Phone # _____

Pinewood Derby Chairperson's Name & Phone # _____

Top Five-SHOW CAR(s) entering:
Boy's Name & Rank:

Alternate: _____
(Only if entrant cannot participate)

1. _____
2. _____
3. _____
4. _____
5. _____

- Show Car categories:
- Most patriotic
 - Most Creative
 - Best Sports Theme
 - Best Scout Theme
 - Judges Choice

- Show cars judged by:
- Original idea
 - "Boy Made"
 - Best detail
 - Creative
 - Overall appearance

Top Three Racers in Each Rank:

Tiger Cubs

Alternate: _____
(Only if entrant cannot participate)

1. _____
2. _____
3. _____

WOLVES

Alternate: _____
(Only if entrant cannot participate)

1. _____
2. _____
3. _____

BEARS

Alternate: _____
(Only if entrant cannot participate)

1. _____
2. _____
3. _____

WEBELOS I

Alternate: _____
(Only if entrant cannot participate)

1. _____
2. _____
3. _____

WEBELOS II

Alternate: _____
(Only if entrant cannot participate)

1. _____
2. _____
3. _____

Design/Show Car Judging Information & Category Explanations

Most Patriotic – a car that shows American colors (Red, White & Blue), Flags, etc.

Most Creative – a car that show imagination, futuristic, or past history.

Best Sports theme – a car in the sports arena – football, soccer, basketball, etc. favorite team colors or mascots.

Best Scout theme – a car that shows Scout values, colors (Cub or Boy Scout), Scout emblems, etc.

Judges' choice – a car that doesn't seem to fit in any of the above categories but has high qualities in other areas. A car in a class of its own.

*Also, if there are too many entrees in one category, the Judges reserve the right to place any car in a different category giving more boys the opportunity to win.

Explanation of judging areas

(Scoring) 1 –10 points - 10 being the best.

Original idea – an idea unique and unusual

Detail – careful thought was taken in the planning, design and building of the car – each detail very important

"Boy" made – a car that has all the signs of a boy who made the car with little or no help from an adult

Creative – a car that took time to create and design

Overall Appearance - careful workmanship and planning to create the overall appearance

The Judges will know if a Tiger, Wolf, Bear, or Webelos enters a car – this will be taken into account when tallying the points of a car.

Each car will receive points ranging from 5 to 50. Judged by 3 – 5 judges (No judge will judge his or her own pack's car). Head Judge will judge the car of any one who can't judge a car in a certain category.

When the tally sheets have been turned into Head Judge the scores of each car will be tallied and averaged.

The 3 cars with the Highest scores overall will receive a special award, and then the cars with the highest points will receive the Medals 1st, 2nd, and 3rd place in each category. (In case of a tie – the Judges will be called back and given the opportunity to vote on the top cars.) No one car will receive more than one award.

Head Judge will make any final judgments necessary.

Medals will be awarded to the top 3 cars in each category, and a Trophy for Best of Show.

2010 Rules

The SRAC Pinewood Derby Committee has elected to exercise its prerogative of making additions/adjustments to the BSA Cub Scout Pinewood Derby Rules. These additional /adjusted rules have been deemed appropriate to minimize any special design advantages.

Listed first will be the BSA rules, as stated in the Pinewood Derby Kit box,

Then the additional/adjusted local rules.

CAR SPECIFICATIONS:

- Maximum width: - 2 ¾" – Maximum length - 7" – Maximum Height 3 ½" – Maximum weight - 5 Ounces
- Minimum width between wheels – 1 ¾"
- Minimum bottom clearance between car and track – 3/8" –all 4 wheels must touch the track
- Show cars ONLY may have a Maximum height of 7"

RULES

- Wheel bearings, washers, and bushings are prohibited.
- The car shall not ride on springs.
- Only official Cub Scout Grand Prix Pinewood Derby wheels and axles are permitted.
- Only dry lubricant is permitted.
- Details, such as steering wheel and driver are permissible as long as these details do not exceed the maximum length, width and weight specifications.
- The car must be free-wheeling, with no starting devices.
- Each car (both racers and design/show competitors) must pass inspection by the official inspection committee before it may compete.
- If a car does not pass inspection, the owner will be informed of the reason for failure, and will be given time within the official check in time period to make any adjustments. A car not able to meet specifications will be disqualified.
- After final approval, cars will not be re-inspected unless the car is damaged in handling or in a race.
- The scale used on race day will be a digital scale with an exact 5-ounce weight and is the only official scale.
- Any lubricant which remains wet after application may not be used on any part of the car. Nor shall any powdered lubricant be allowed to "spill out" of the car during check-in or racing, as to mess up the track.
- Axle shafts must be from the current BSA Pinewood Derby Kit and must not have any material added to them, other than appropriate lubrication. Axle shafts may be sanded to remove burs from the metal, but may not be altered in any other manner.
- Wheels must be from the current BSA Pinewood Derby Kit and can have the bore of the hub (hole in center) cleaned of any obstructions and the contact surface (around the circumference) smoothed but cannot have the cross section reshaped in anyway nor be lubricated in any manner along the contact surface.
- The forward most edge of the car must be wide and low enough to rest against the rear of the starting gate pin (in center of its lane) or it will be disqualified from racing.
- The wheelbase (distance from the center of the front wheel/axle to the center of the rear wheel/axle on the same side of the car) shall not exceed 4 1/2 inches.
- **The objective** of the Pinewood Derby is to allow a Cub Scout advised and assisted by an adult partner to design and **build a wood car from the Official BSA Pinewood Derby Kit**. The Pinewood Derby is not intended to be a contest of expensive and exotically built cars. These cars are subject to disqualification.
- **You may NOT use a pre-cut car kit!!!**
- All rules interpretations and judgments related to these rules and the race are the sole prerogative of the onsite rules official and his/her ruling(s) shall be final.

Race Day - Car Owners Instructions

- All cars entered must be the same cars that were raced during the Pack's 2009/2010 races and should be cars made after the 2009 Council Pinewood Derby races.
- If a registered owner is unable to attend the Council's Pinewood Derby or is not physically able to race his car, he may designate another Cub Scout or Leader to act in his place. This person will be called a handler.
- All car owners or handlers are ***required*** to be in **an official BSA uniform** (not a T-shirt) to participate in the Council race.
- Car owners or handlers must present their car for check-in and inspection during the announced time on race day or risk being shut out.
- No entrant for any race period will be accepted, after that race period has begun.
- Only the racers listed on the Pack's official entry form will be allowed to enter the race.
- The alternate racer(s) will only be allowed to enter the race if one of the top 3 entrants does not arrive to enter. Any alternate will have their car inspected and placed in a temporary impound area until such time as the check-in period ends. Any alternate who is left in the temporary impound area will then be entered into the race.
- Car owners or handlers will be the only persons touching the cars, under supervision, once they are impounded and only at the time(s) that they are called to lineup for a race.
- Car owners or handlers must retain the number issued, in order to enter the race area and pick up car for racing.
- Car owners and handlers must stay alert for the call of their number during the race.
- All lubrication or other service must be completed prior to presenting the car for technical inspection because all cars will immediately be impounded for the duration of its eligibility to race.
- Under no circumstances will any lubrication be applied to any axles or wheels once the car is impounded, including a car that has lost an axle or wheel during the race and has to have the axle or wheel replaced.
- There will be no onsite facility for pre-race repair/adjustments to cars. Any adjustments or repairs that require removal of wood, drilling, hammering or application of powdered lubricants must be made outside of the Mall.
- There will be **a pre-inspection/weigh-in at the April Roundtable from 6:00pm to 6:30pm**. No certifications will be made or presented, but this will be a good opportunity for the racers to come have their cars inspected and weighed on the scales that will be used on race day.
- There will be no overall race, where Cub Scouts of different levels compete against one another.
- Anyone touching or attempting to touch another racer's car, without express permission from the car owner/handler and under the supervision of the race official, will be asked to leave the race area and if a racer, will have his own car disqualified.
- Any car owner or handler bumping or stepping on or across the Pinewood track as well as anyone causing such action will be subject to disqualification.
- Any person displaying poor behavior can be asked to leave the race area.
- All racers, parents and leaders are reminded that the races will be held in a public area and that no negative attitudes or comments will be permitted. Any person displaying such attitude or making such comments will be asked to leave the race area.
- Please remind your scouts of the qualities of good sportsmanship.
- **It is strongly suggested that all Cub Scout Adult Leaders as well as car owners and their parents be given a copy of all rules and procedures.**
- The Council Pinewood Derby Committee recommends that car owners should be given the responsibility to hold their own cars from after the Pack Pinewood Derby until presentation at the Council Race.

Please see the Council's website at <http://www.suwanneeriver.net> for these documents and other information.

Race Day Schedule

Webelos II Check-in	10:30am	11am
Computer input	11:00am	11:10am
Webelos II Races	11:15am	11:45am
Show Car Check-in	11:00am	11:30am
Show car computer input	11:30am	12:00
Tiger Check-in	11:30am	12:00
Webelos II Awards	11:50am	12:00
Design/Show Car Judging	12:00	2:30pm
Computer in put	12:00	12:15pm
Tiger Races	12:15pm	12:45pm
Tiger Awards	12:45pm	1:00pm
Break 1pm-2pm		
Webelos I Check-in	2:00pm	2:30pm
Computer input	2:30pm	2:40pm
Design/Show Car Awards	2:30pm	
Webelos I Races	2:45pm	3:15pm
Wolf Check-in	3:00pm	3:30pm
Wolf Computer input	3:30pm	3:40pm
Webelos I Awards	3:15pm	3:30pm
Wolf Race	3:45pm	4:15pm
Bear Check-in	4:00pm	4:30pm
Bear computer input	4:30pm	4:40pm
Wolf Awards	4:15pm	4:30pm
Bear Race	4:30pm	5:15pm
Bear Awards	5:15pm	5:30pm