

PINEWOOD DERBY

RULES AND REGULATIONS



Memphis Section
Royal Rangers

2010 Edition

Purpose of Pinewood Derby

The Royal Rangers Pinewood Derby Program was started with the thought of having a project that a father and son could work on together, and to give boys with no father a sponsor to help them and promote the father image. With these thoughts in mind, let us encourage our boys to enter the derby, encourage fathers to work with their sons building their cars, and minister to both father and son. Also note that we have broadened the purpose by inviting Girls Ministries K-12 to race with the hope that the Pinewood Derby will become a family experience. May the best cars win!

Who Can Participate

The Memphis Sectional Pinewood Derby is open to all boys in active outposts in the section. Girls involved in the Girls Ministries K-12 are also invited to participate but will only race against other girls. All male and female leaders are open to participate along with parents and pastors; all adults race together in one class.

Any unchartered outposts or outposts that are not in the section that would like to participate will be considered on an individual basis by a committee consisting of the Sectional Commander, the Sectional Pinewood Derby Coordinator and the Asst. Pinewood Derby Coordinator.

Specifications of the Pinewood Derby Car

All cars must be constructed from the base kit available from Gospel Publishing House. No BSA cars will be allowed to compete.

Cars entered into competition must not be a car entered in a previous year. Only one car per classification may be entered (i.e. a Discovery Ranger with a racing classification car can only have one car compete in the racing competition.) The exception to this rule is if a boy wants to enter one car for “Racing – only” and a separate car for “Best Looking - only”. However, the participant will be required to pay two entry fees.

To be eligible to compete, all cars must meet the following specifications with no exceptions:

Maximum Length (including all attachments)	7 ½”
Maximum Width	2 ¾”
Maximum Height	3”
Maximum Weight	5 ½ oz. (156 grams)
Minimum Under-Car Clearance	3/8”
Minimum Distance Between Wheels	1 ¾”

You may add weight to the car in order to bring the car to the maximum allowed weight. Weights must be an integral part of the car. They may be placed inside the block, mounted as an ornament, or be otherwise permanently attached. Weight may not be taped or set on a car. If weights or any other part of a car comes off during a heat, the car will be re-run in another heat. If the same car or part leaves the track again, the car is disqualified from racing. No heat/race will be delayed while repairs are made. For additional guidelines refer to the booklet,

“Pinewood Derby Racing: Tips from the Top for Downhill Racers” available from Gospel Publishing House.

Registration

- Pre-registration is very helpful and is strongly encouraged. Enclosed in this packet is a registration form for registering your outpost. A separate registration form should be used for each age group.
- Registration numbers shall be placed clearly visible on the bottom of each car. Each car will have an alphanumeric identification tag.

- The first letter will correspond to your outpost number.

A - Raleigh A/G
B - Victory Life A/G
C - Collierville 1st A/G
D - Lighthouse
E - Cathedral of Praise
F – Lord’s Church
G - Renewed Hope in Christ
H – Arlington
I - _____
J - _____

- The second letter(s) will be the designation of class as listed below:

RK - Ranger Kids
D - Discovery Rangers
AE - Adventure & Expedition Rangers
A - Royal Ranger Leaders & Girls Ministry Leaders
G - Girls Ministries Girls

- The final digits will be in consecutive order starting with 1 and continuing until all the cars are numbered.

- There will be an early registration period the night before the pinewood derby race during the setup of the race track(s). Early registration will be from 7:00 pm – 9:00 pm on that Friday night.
- Total all of your registration fees and bring a check or cash and your registration forms to the pre-registration. There will be a discount for pre-registration, held on Friday night, for a cost of \$5.00 per car. All other registration, on race day, will be \$8.00 per car.
- Open registration will be allowed the day of the races one hour prior to opening ceremonies. Opening ceremonies will be at 8:00 a.m. sharp. One commander from each outpost will be responsible for registering all cars that need registered the day of the race.
- Late registration will not be allowed after the start of the first race.
- No refunds will be given for “No Shows”. Your donation is kindly appreciated.

Description of Races and Awards

- All kids registered will receive a “Participation” Ribbon.
- Ranger Kids
There will be 1st, 2nd & 3rd place trophies awarded for racing.
There will be 1st, 2nd & 3rd place trophies awarded for design.
- Discovery Rangers
There will be 1st, 2nd & 3rd place trophies awarded for racing.
There will be 1st, 2nd & 3rd place trophies awarded for design.
- Adventure/Expedition Rangers
There will be 1st, 2nd & 3rd place trophies awarded for racing.
There will be 1st, 2nd & 3rd place trophies awarded for design.
- Girls involved with Girls Ministries
There will be 1st, 2nd & 3rd place trophies awarded for racing.
There will be 1st, 2nd & 3rd place trophies awarded for design.
- Royal Ranger Commanders & Girls Ministries leaders
There will be 1st, 2nd & 3rd place trophies awarded for racing.
There will be 1st, 2nd & 3rd place trophies awarded for design.
- Grand Champion Race
There will be a race for all of the 1st place race winners from Ranger Kids, Discovery Rangers & Adventure/Expedition Rangers. One trophy will be awarded to the winner of the 1st place racers.

Trophies to be inscribed with the following:

1 st Place Racing Ranger Kids Memphis Section 2010	2 nd Place Racing Ranger Kids Memphis Section 2010	3 rd Place Racing Ranger Kids Memphis Section 2010
1 st Place Racing Discovery Rangers Memphis Section 2010	2 nd Place Racing Discovery Rangers Memphis Section 2010	3 rd Place Racing Discovery Rangers Memphis Section 2010
1 st Place Racing Adventure/Expedition Rangers Memphis Section 2010	2 nd Place Racing Adventure/Expedition Rangers Memphis Section 2010	3 rd Place Racing Adventure/Expedition Rangers Memphis Section 2010
1 st Place Racing Girls Ministries Memphis Section 2010	2 nd Place Racing Girls Ministries Memphis Section 2010	3 rd Place Racing Girls Ministries Memphis Section 2010
1 st Place Racing Adult Division Memphis Section 2010	2 nd Place Racing Adult Division Memphis Section 2010	3 rd Place Racing Adult Division Memphis Section 2010
Grand Champion Racing Royal Rangers Memphis Section 2010		

1 st Place Design Ranger Kids Memphis Section 2010	2 nd Place Design Ranger Kids Memphis Section 2010	3 rd Place Design Ranger Kids Memphis Section 2010
1 st Place Design Discovery Rangers Memphis Section 2010	2 nd Place Design Discovery Rangers Memphis Section 2010	3 rd Place Design Discovery Rangers Memphis Section 2010
1 st Place Design Adventure/Expedition Rangers Memphis Section 2010	2 nd Place Design Adventure/Expedition Rangers Memphis Section 2010	3 rd Place Design Adventure/Expedition Rangers Memphis Section 2010
1 st Place Design Girls Ministries Memphis Section 2010	2 nd Place Design Girls Ministries Memphis Section 2010	3 rd Place Design Girls Ministries Memphis Section 2010
1 st Place Design Adult Division Memphis Section 2010	2 nd Place Design Adult Division Memphis Section 2010	3 rd Place Design Adult Division Memphis Section 2010

Competition Rules

Races

Races will be conducted using a double elimination tournament bracket method. After the results of each race in the first heat, the “losers” will be placed into a “losers” bracket and the “winners” go to a “winners” bracket. The final race of the age group will be the “winner” of the “winners” bracket against the “winner” of the “losers” bracket.

The Grand Champion race will be a double elimination race held for the 1st place finishers of all the “boy” age group racers (Ranger Kids, Discovery Rangers, Adventure/Expedition Rangers). Girls involved with the Girls Ministries and Adults are not included in this race. This is for Royal Ranger boys only.

Design

Design competition will be judged according to the following criteria:

- Originality – How much creative thought and effort went into the design?
- Workmanship – The skill shown in cutting, carving, sanding and detailing out the car. Consider: Are the cars extra ornaments made by the owner or something bought and attached?
- Color and Appearance – Use of color and outward appearance. Take into account the painting of the car and its overall texture. Is the color and paint even all over, is the appearance pleasing to the eye?
- Theme – In order for you to easily re-use your car at the District Ranger Adventure Week, the Section shares the District theme and theme-related guidelines. This year's theme is East - Israel The SCRIPTURE - Ezekiel 43:2 "And I saw the glory of the God of Israel coming from the east." Your Outpost number should be displayed on your car. "2010 TN District Ranger Adventure Week" should also be displayed on the car. This information can be on the bottom of the car if necessary.

Pinewood Derby Officer Roles and Responsibilities

Sectional Pinewood Derby Coordinator

The Sectional Pinewood Derby Coordinator is responsible for organizing the event which will include but not limited to the following:

- Determining location of the race
- Assigning positions of Pinewood Derby Officers
- Appropriating all necessary resources
- Scheduling special activities
- Determining rules for competition

Assistant Sectional Pinewood Derby Coordinator

The Assistant Sectional Pinewood Derby Coordinator is responsible for organizing the event which will include but not limited to the following:

- Assist the Sectional Pinewood Derby Coordinator in any or all of the responsibilities listed above

Track Officer

The Track Officer responsibilities will include but not limited to the following:

- Confirming location of the race and making all necessary arrangements with the hosting church or facility
- Setup up the tracks the night before the race
- Tear down the tracks after the race
- Conducting the actual races

Head Judge

The Head Judge responsibilities will include but not limited to the following:

- Assign the positions of Assistant Judges (should be at least one per race track, preferably two or three and three to judge the designs)
- Assign the position of Official Score Keepers (should be at least one per race track, preferably two)
- Coordinate the efforts of the Assistant Judges and Score Keepers, making sure each Judge has the necessary forms for judging
- Compile and present results to the Pinewood Derby Coordinator

Assistant Judge

The Assistant Judge responsibilities will include but not limited to the following:

- Make any necessary rulings required for each race
- Judge the design of the cars in an impartial and unbiased way
- Assist the Head Judge

Official Score Keeper

The Official Score Keeper responsibilities will include but not limited to the following:

- Work with the Head Judge and Assistant Judges during the races
- Enter all race car numbers and results on the supplied double elimination brackets
- Provide results to the Pinewood Derby Coordinator

Concessions Officer

The Concessions Officer responsibilities will include but not limited to the following:

- Recruiting personnel to work the concessions stand
- Determine the type of food and drinks to be offered for donations
- Determine the amount of food and drinks to be offered for donations
- Determine the suggested donation for the food and drinks
- Purchase the food and drinks to be offered for donations

Publicity Officer

The Publicity Officer responsibilities will include but not limited to the following:

- Make flyers for the event
- Distribute flyers to all outposts in the section
- Advertise accordingly

Pinewood Derby “Best Looking” Judging Form

Category: (circle one) RK, DR, AR/ER, Girls, Adult

Name: _____

Car # _____

Entries will be judged in the following areas;

Originality: 10 9 8 7 6 5 4 3 2 1 0

Was the design the idea of the artist himself? How much creative thought went into the design?

Craftsmanship: 10 9 8 7 6 5 4 3 2 1 0

The skill the workman showed in cutting, carving, sanding and detailing the car. Did the owner make the car's extra ornaments or were they something bought and attached?

Color and Appearance: 10 9 8 7 6 5 4 3 2 1 0

What is the outward appearance? Is the paint job appealing? Is the color and paint even all over? Is the appearance pleasing to the eye?

Outpost Information: 10 9 8 7 6 5 4 3 2 1 0

Is the outpost number on the car? Is 2010 TN District Ranger Adventure Week indicated? (This information can be on the bottom)

Theme Related: 10 9 8 7 6 5 4 3 2 1 0

Is the car theme related... Is there a spiritual awareness – tastefully incorporated into the design of the car?

_____ **Total Points**

Note: The pinewood derby car is to be planned and built by the individual who enters it. Naturally, the leaders and fathers will assist in the construction of their boy's car. However, allow the boys/girls to do most of the work! Their own work is what we are looking for and is what they will be proudest of.

