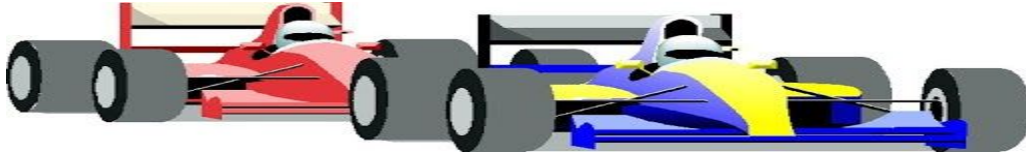


# CASCADE PACIFIC COUNCIL RIVERS EDGE DISTRICT



## 2021 VIRTUAL DISTRICT PINWOOD DERBY

APRIL 12 4:00 PM - 8:00 PM

### LEADER'S INFORMATION

**Registration:** Please register online at [cpcbsa.org](http://cpcbsa.org)

You will need to list Pack Number, Den Number, and provide a list of scout names

Registration fee: \$4

**Virtual Live streaming link will be provided one day prior to the race.**

#### **Pinewood Derby Cars:**

- Cars are sold separately. District special pricing at registration only
- Scouts may use the car they already have.

**\*Collection of cars will be April 10th, Saturday - locations around the district will be announced soon.**

#### **Pinewood Derby Cars Specific Rules (in the car box)**

According to the BSA's Cub Scout Leader How-To-Book, the general rules are as follows:

Den Leaders: Please weigh and check your cub scouts PWD cars prior to placing them into the Ziplock bag for collection by District team. They will not be handled until the day of the race.

All cars must pass the following inspection to qualify for the race:

- Width shall not exceed 2-3/4 inches.
- Length shall not exceed 7 inches.
- Weight shall not exceed 5 ounces.
- Axles, wheels, and body shall be from the materials provided in the kit. Additional wheels can be purchased separately.
- Wheel bearings, washers, and bushings are prohibited.
- No lubricating oil may be used. Axles may be lubricated with powdered graphite or silicone.
- The car shall not ride on any kind of spring.
- The car must be free-wheeling, with no starting devices.
- No loose materials of any kind are allowed in the car.

**SAFETY** Make safety your top priority.

- Gather your safety essentials: dust mask, goggles, and latex gloves.
- Wear eye protection at all times.
- Monitor Cub Scouts' use of tools.
- Wear a dust mask when appropriate.
- Work in a well-lighted and well-ventilated area.
- Consider wearing gloves when using sharp tools.
- Do not wear loose-fitting clothing.
- Do not melt lead; handle lead with care.
- Follow all safety rules and precautions listed on the tools and products you use.
- Keep your work area clean and organized.

**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 must pass inspection, the owner will be informed of the reason for failure.
- After final approval, cars will not be reinspected unless the car is damaged in handling or in a race.

Once you have completed your car, please place it inside a gallon size ziploc bag along with the Pack and Den number, Leader's Name, phone number, Scout's name, Name of the car.

It should look like this:

Pack 333, Den 6

Leader's name and phone number

Youth's Name: Jane Doe

Car Name: ScoutXplosion99

All Car submissions need to be dropped off at collection sites listed by April 10, 2021.

### **Track & Race Details:**

We will be running a three lane 47' MicroTrak K2 digital system with 3 lanes. Each participant will race against the clock on each lane for a total of three digitally timed runs. This means they may race next to a much older or younger participant but they are not actually racing directly against each other. It is all based on the fastest track time for the racing portion of the derby.

In order to make all of the timing and race matrix efficient we will be using the GrandPrix Race Manager Pro V18.

### **Awards**

**TOP 3 Speeds. These are the 1st, 2nd, and 3rd fastest cars.**

### **Other:**

Special recognition awards will be determined by a system of total number of votes acquired via Google Sheets Survey and will be announced at the end of the races.

1. **Most Unique Derby Car** - Which car stood out and was the most unique of the bunch?
2. **Best Craftsmanship** - Which car was made the best and showed a real eye for detail?
3. **Most Humorous Derby Car** - Which car made the judges smile and chuckle?
4. **Most Creative Derby Car** - Which car showed a real flare and creative eye?
5. **Most Impressive Paint Job** - Which car had the best, most professional looking paint job?
6. **Most Clever Engineering** - Which car displayed ingenuity and inventiveness in engineering?
7. **Most Realistic Design** - Which design was the most realistic of them all?
8. **Best Use of Color** - Which car utilized color well and had the best-looking color scheme?
9. **Spirit of Pinewood** - Which car fully embodied the concept of doing one's best?
10. **Judge's Choice** - Which car was the judge's or judges' personal favorite?