

Cardinal District
Roundtable Agenda
12/01/2022

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|-------|------|-----------------------------------|---|
| I. | 7:00 | Gathering | |
| II. | | Opening Ceremony | William Paige |
| III. | | Welcome and Introduction | |
| IV. | | District Key 3 Updates | |
| | a. | District Commissioner | Scott Fedorchak |
| | b. | District Committee Chair Corner | Neil Smith |
| | c. | Family Scouting Executive Corner | Tyler Perkinson |
| V. | | Accolades and Recognitions | |
| VI. | | 2023 Program Update | Greg McGrew & Courtney Trujillo |
| VII. | | Safety Moment | “Winter Activity Safety”
Scott Fedorchak |
| VIII. | | Breakout sessions | |
| | a. | Cub Scouts | “Pinewood Derby”
Jaime Mueller |
| IX. | | Scouting gathering and fellowship | |

Calendar Events

Cardinal District Events

13-15 Jan 23	Cardinal District Klondike Derby (Scouts BSA)	Camp Durant	CANCELLED
11 Mar 23	Cardinal District Pinewood Derby	St Michael the Archangel Catholic Church	
24-26 Mar 23	Cardinal District Camporee (All)	Camp Durant	
10 Jun 23	Cardinal District Shooting Sports (Cub Scouts)	Optimist Farm	
25 Jun 23	Cardinal District Fishing Derby (Cub Scouts)	Harris Lake Pond	
13-16 Jul 23	Cardinal District Twilight Camp (Cub Scouts)	Pine Springs Academy	

Occoneechee Council Events

4 Mar 23	Open Cub Scout Tower/Shoot	Camp Durant
31 Mar-2 Apr 23	Spring Blast (Scouts BSA)	Camp Durant
21-23 Apr 23	Council Cub-o-ree (Cub Scouts)	Camp Durant
15-17 Jun 23	Cub Scout Summer Camp	Camp Durant
27-29 Oct 23	Council Spook-o-ree (Cub Scouts)	Camp Durant

Order of the Arrow

3 Dec 22	Order of the Arrow Winter Banquet	Camp Durant
17-19 Mar 23	Order of the Arrow Pow Wow	Camp Durant
18 Mar 23	Order of the Arrow Webelos Day	Camp Durant

National Scouting Events

19-28 Jul 23	National Jamboree	Bechtel Summit Scout Reserve
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World Scout Jamboree

1-12 Aug 23	World Scouting Jamboree	SaeManGeum, South Korea
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CARDINAL DISTRICT ROUNDTABLE

December 1, 2022



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Roundtable Agenda

General Session: 7:00 PM

Opening / Welcome

District Key 3 Corner

Program Update

Safety Moment: Winter Activity Safety

Breakouts: Cub Scouts: Pinewood Derby





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District Commissioner Update



Questions:
Scott Fedorchak
frodo06@aol.com



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Recharter 2022 Updates

The Internet Recharter 2.0 software opened on Sunday 2 Oct 22. Access is limited to unit Key 3 and Key 3 Delegates. Make sure that your current Key 3 are registered in [MyScouting.org](https://www.myscouting.org) and you designate your Key 3 Delegates responsible for recharter processing prior to opening the software

Once you have submitted your completed unit recharter on-line, your unit information in [MyScout.org](https://www.myscouting.org) is locked until National processes all unit recharter starting on 1 Jan 23. That means that you will be unable to add new Scouts or Scouters and also unable to add Scout rank advancements.

In discussion with the Council Registrar, we will not be processing completed unit recharter until 2 Dec 22.

The recommended form of recharter payment is EFT. There is a \$1.00 service fee for this process. You may use a credit card, but there is a higher percentage fee charged.

Only units using financial assistance **MUST** pay by check. We will need to manually recalculate the correct amount due once you have submitted the necessary applications for financial assistance. You will need to meet with the Commissioner staff at one of the scheduled turn in dates to complete the recharter process



Updated Recharter Turn-in Dates

5 Dec 22	6:30 - 8:00 PM	Panera Bread	Fuquay-Varina
6 Dec 22	6:30 - 8:00 PM	Panera Bread	Apex
7 Dec 22	6:30 - 8:00 PM	Blaze Pizza	Holly Springs
12 Dec 22	6:30 - 8:00 PM	Panera Bread	Cary
14 Dec 22	6:30 - 8:00 PM	Panera Bread	Garner
18 Dec 22	6:30 - 8:00 PM	Panera Bread	Apex
21 Dec 22	6:30 - 8:00 PM	Blaze Pizza	Holly Springs
27 Dec 22	6:30 - 8:00 PM	Panera Bread	Fuquay Varina
29 Dec 22	6:30 - 8:00 PM	Panera Bread	Cary

Unit will need to turn-in

Printed copy of recharter submission

Completed Journey to Excellence form

Financial Assistance documents (if needed)

Units completing process entirely on-line can send and send documents to Scott Fedorchak at Frodo06@aol.com



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Chief Tony Mauldin



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District Chairman Update



Questions:
Neil Smith
mneilsmithlaw@gmail.com



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District Chairman Update

District Annual Business Meeting

Saturday, Jan 7 23, 9:00 am-noon, St Francis UMC, Cary

Adult Recognition Nominations due by Jan. 16, 2023

Recognition Event – Feb 16 23, 7:00 pm

Policy on Council Registered Units

1



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Family Scouting Executive Update



VENTURING • BSA



Questions:

Tyler.Perkinson@scouting.org



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Accolades and Recognition

Congratulations to:

BSA Alumni Award

Will Highsmith P-205

Unit Leader Award of Merit

William Scudder T-205

Scouter Training Award for Scouts BSA

Melissa Wesdock T-2051

William Scudder T-205

Michael Pipkin T-205

Mearis Martin III T-205



TRAINING



Registered New Leaders?

- 1) *Every Scout deserves a trained leader*
- 2) *BSA guidelines are that Scouters should be trained within 90 days of joining the unit*
- 3) *Does your Unit have a Plan and Schedule to complete TRAINING?*
- 4) *When was the last time your Unit conducted an assessment to determine training needs?*
 - A) Youth Protection Training 2.0
 - B) Training for new and existing leaders



District and Council Training Events:

3-4 Feb 23

Introduction to Outdoor Leadership Skills (IOLS)

Location: Fuquay-Varina United Methodist Church

Registration Link will be through Tentaroo on Council website



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District and Council Training Events:

10 Dec 22

Webelos and AOL Campfire Cooking Class

12:00 – 6:00 PM

Skills Open fire and Dutch Oven cooking

Cost \$30 per person (limited to 20 participants)

Location: TBD

<https://sandhills.ocscouts.org/campfire-cooking/>



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Program

Vice Chairman Program:
Greg McGrew
Mcgrew.gregory@gmail.com



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Cardinal District Klondike Derby

**District Klondike Derby
has been cancelled**



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Cardinal District Camporee



SAVE THE DATE!
District Camporee
“The Old West”



Mar 24-26 2023 @ Camp Durant

The District Camporee will take place at Camp Durant. All District units (Cub Scouts through Venture Crews) are welcome



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Cardinal District Cub Scout Events

SAVE THE DATES!

- 11 Mar 23 District Pinewood Derby
Location: St Michael the Archangel Catholic Church
- 10 Jun 23 District Shooting Sports
Location: Optimist Farm
- 25 Jun 23 District Fishing Derby
Location: Harris Lake Pond
- 13-16 Jul 23 District Twilight Camp
Location: Pine Springs Academy
- 12-13 Aug 23 District NOVA Days
Location: Pine Springs Academy



Questions?



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Cub Scout Program Tips ON SCOUTING

The Official Site of Scouting Magazine



For All Families and BSA Volunteers

HOME SCOUTING MAGAZINE CUB SCOUTS SCOUTS BSA VENTURING SEA SCOUTING FUN CONTACT

LATEST POSTS > Train derailment heroes recognized with BSA lifesaving awards; watch and share this inspiring

SEARCH ...

Join us Fridays for #CubChatLive!



Watch #CubChatLive every Friday at 2 p.m. Central on [Facebook Live](#) or [YouTube](#) for useful tips, tricks and ideas to help your den or pack.

Upcoming Episodes

- Nov. 4: FUN Pack and Large Events!

Join us at 2 p.m. Central on the Scouting magazine [Facebook page](#) or [YouTube channel](#).

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District and Council Events: Cub Scouts

11 Mar 23

District Pinewood Derby

Location: St Michael the Archangel Catholic Church

[Registration Link will be on Council website](#)

18 Mar 23

Order of the Arrow Webelos Day

Location: Camp Durant

[Registration Link will be through Tentaroo on Council website](#)

24-26 Mar 23

Cardinal District Camporee

Location: Camp Durant

[Registration Link will be through Tentaroo on Council website](#)

21-23 Apr 23

Occonechee Council Cub-o-ree

Location: Camp Durant

[Registration Link will be through Tentaroo on Council website](#)

27-29 Oct 23

Occonechee Council Spook-o-ree

Location: Camp Durant

[Registration Link will be through Tentaroo on Council website](#)



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Safety Moment

Winter Activity Safety



Safety Moment Summary:

There is magic to camping in winter. It is one of the most challenging outdoor adventures. However, potentially extreme weather conditions, cold temperatures, and unique hazards associated with outdoor winter activities require careful planning to ensure safety.



General Information:

Eating the right type of food when camping or playing in the cold is important.

One of the best ways to remember what is appropriate to eat when you are spending extended periods of time outside in cold weather is to use good nutrition to build the fire within. Make sure your food consumption includes sugars, which act like a fire starter; proteins and carbohydrates, which act as kindling; and fats that produce the energy needed to keep the fire burning and your body running at peak performance. Stay away from caffeinated drinks such as soda, coffee, and tea; drink plenty of plain water to keep yourself properly hydrated.

Keeping warm is the most important part of cold-weather camping and outdoor activities.



Use the C-O-L-D method to stay warm!

C = Clean: Since insulation is only effective when heat is trapped by dead air spaces, keep your insulating layers clean and fluffy. Dirt, grime, and perspiration can mat down those air spaces and reduce the warmth of a garment.

O = Overheating: Avoid overheating by adjusting the layers of your clothing to meet the outside temperature and the exertions of your activities. Stay hydrated by drinking plenty of water, and refrain from drinking caffeinated drinks that act as diuretics.



Use the C-O-L-D method to stay warm!

L = Loose layers: A steady flow of warm blood is essential to keeping all parts of your body heated. Wear several loosely fitting layers of clothing and footwear that will allow maximum insulation without impeding your circulation. Having clothing that is brightly colored (orange or red) is also a good idea, so hunters and sportsmen can see you in snowy conditions. Always have a hat and wear it.

D = Dry: Sweaty, damp clothing and skin can cause your body to cool quickly, possibly leading to frostnip and hypothermia. Keep dry by avoiding clothes that absorb moisture. Always brush away snow on your clothes before you enter a heated area. Keep clothing around your neck loosened so that body heat and moisture can escape instead of soaking through your layers.



Additional Resources

[Guide to Safe Scouting—Winter Activities](#)

Fieldbook (available at scoutshop.org)



NEXT DISTRICT ROUNDTABLE

* Our next Roundtable will be a hybrid District Roundtable on January 5, 2023

Opening: 7:00 pm



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Breakout Sessions



David Crowley
Pinewood Derby



V E N T U R I N G • B S A



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HOW TO RUN A SUCCESSFUL PINEWOOD DERBY

PACK 216 CARY, NC



Updated 11.2022 by
Jamie Mueller
Jmuelle0@yahoo.com
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812-241-2211



IMPORTANT ELEMENTS TO RUN A SUCCESSFUL PINEWOOD DERBY

- Date(s) and Location
- Pinewood Committee
- Software upgrades
- Car Kits
- Verify Derby rules with District
- Design and order Patches
- Workshops
- Trophies
- Track setup and software configuration
- Volunteer sign-up
- Race Day scheduling
- Communication to the Pack
- Pre-race weigh-in
- Registration supplies – scale, labels, etc
- Design Judging & Awards presentation
- Pit Crew repair area
- Concessions
- District qualifier registration
- Race Day Supplies
- Make it Fun!
 - Photo Booth
 - Sound Effects & National Anthem
 - Fog machine
 - etc





LOCATION LOCATION LOCATION

- **AUGUST-OCTOBER**

- Work with your Chartered Organization Representative to schedule the venue for the Pinewood Derby.

- Pack 216 is affiliated with St. Michaels Catholic Church on High House road in Cary. The church's schedule fills up pretty fast so get the date and location reserved well in advance of the Pinewood Derby event.

- We have used the Pavilion at Ritter Park in Cary to conduct the Pinewood Derby during Covid-19. Outside locations can work but they are not ideal.



PINEWOOD DERBY COMMITTEE



OCTOBER-NOVEMBER

- It is a lot of work for one person to organize the Pinewood Derby. Use the Pack committee or other parents to help do the work. 5-6 people can get the race ready without much effort.
- Key positions needed to run the Derby:
 - **Master of Ceremonies** will be on the microphone during the Derby. Consider having a script for the Emcee and include some jokes or fun facts to help keep the audience engaged during idle time of the event.
 - **Track Master** – You will want someone capable of managing the race software and familiar with the assembly of the track and finish line timer.
 - **Chief Judge** – it helps to have someone coordinating the design judging activities. One person as Chief Judge all day helps with consistency and running the design judging smoothly
 - **Registration Coordinator** – It is helpful to have a knowledgeable adult that can facilitate the registration process by training volunteers, helping in the pit crew repair area, handling any non-compliance issues, etc.
 - **Pinewood Derby Lead** – will organize and lead the entire event and can assist any of the other roles.



PINEWOOD DERBY SOFTWARE

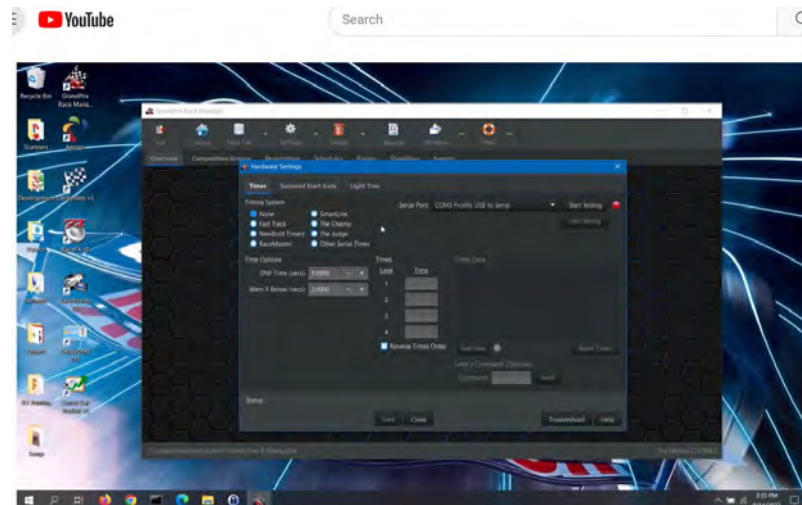


NOVEMBER

- Check for upgrades to the Grand Prix Manager software from Lisano Enterprises.

<http://grandprix-software-central.com>

Be sure to have the Pack's last software version and serial number for ordering the upgrade. You may need to download a driver for the USB to serial converter that hooks the computer to the track. Do not wait until the last minute, you will want to learn how to operate the software and test out the finish line timer in advance of the Derby event. **The Grandprix Software Central website is a great resource for race day planning and it has several tutorial videos to show you how to navigate through any issues.**





PINEWOOD DERBY CAR KITS & RULES

NOVEMBER

- Order your Pinewood Derby Car kits – we purchase our car kits from the Occoneechee Scout Store at 3231 Atlantic Ave., Raleigh, NC (919) 850-0301
- Verify the District Pinewood Derby rules (they sometimes change and we need to be in compliance or our Scouts cannot race in the District Derby). District Pinewood Derby information is usually available during the District Roundtable meetings or on the district web page <https://cardinal.ocscouts.org/>
- Plan to distribute car kits and copies of the rules at the November Pack meeting. Plan to review the rules and PWD info at the Pack meeting.





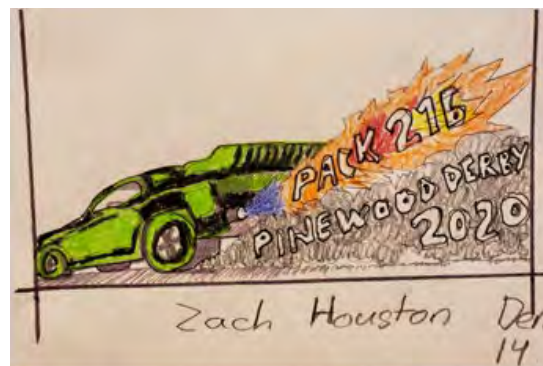
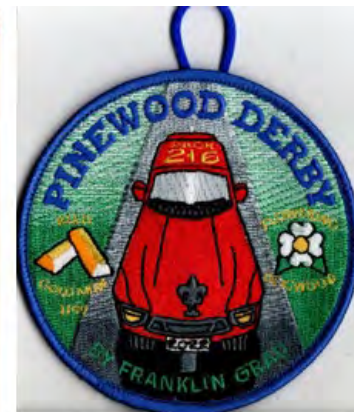
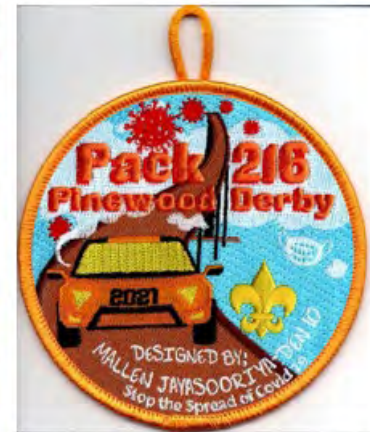
PINEWOOD DERBY PATCHES

NOVEMBER-DECEMBER

- Design your Pinewood Derby Patch and place the order. Give yourself ~6 weeks for orders to be manufactured. We typically order our patches from Class B.

<https://www.classb.com/bsa/custom-boy-scout-patches/>

- We tap into the creative genius of our Cub Scouts and have them submit design entries. (examples shown here)
 - This has been a fun addition to our PWD and has generated some excitement especially for the patch design winner





PINEWOOD DERBY WORKSHOPS

DECEMBER-JANUARY

- Workshops are helpful events for newer scouts or scouts that have limited access to tools for building their car.
- We hold a “Rules Workshop” in December to review the PWD rules and answer any questions related to interpretations of the rules.
- We also have optional workshops to allow scouts/siblings the opportunity to shape their cars and get construction tips from experienced Cub Scouters.





PINEWOOD DERBY TROPHIES

DECEMBER-JANUARY

- Place the order for trophies at least one month prior to the Derby.
- The trophies will be dependent on classification for the District Pinewood Derby. Make sure we are in line with the District as we have some awards where the winners go onto the District race.
- We have used Cary Awards for trophy orders
 - Cary Awards 1241 Buck Jones Road 919-460-1195

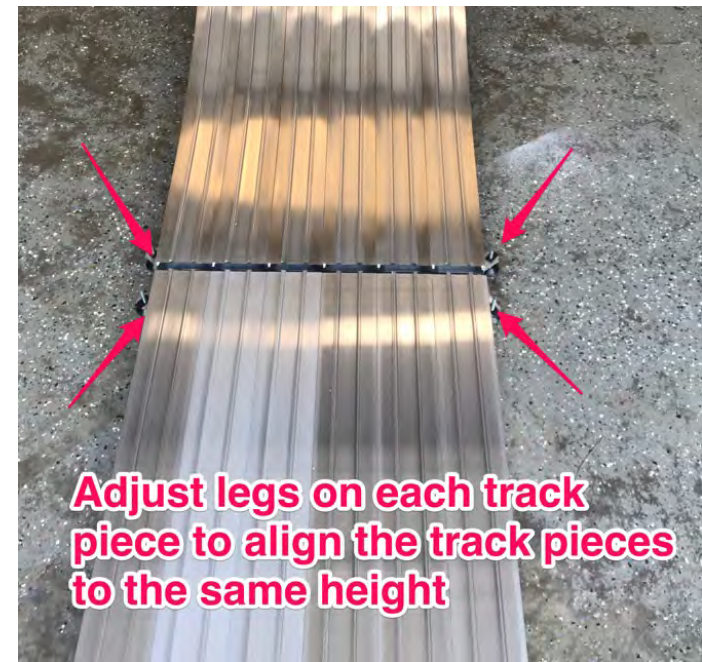
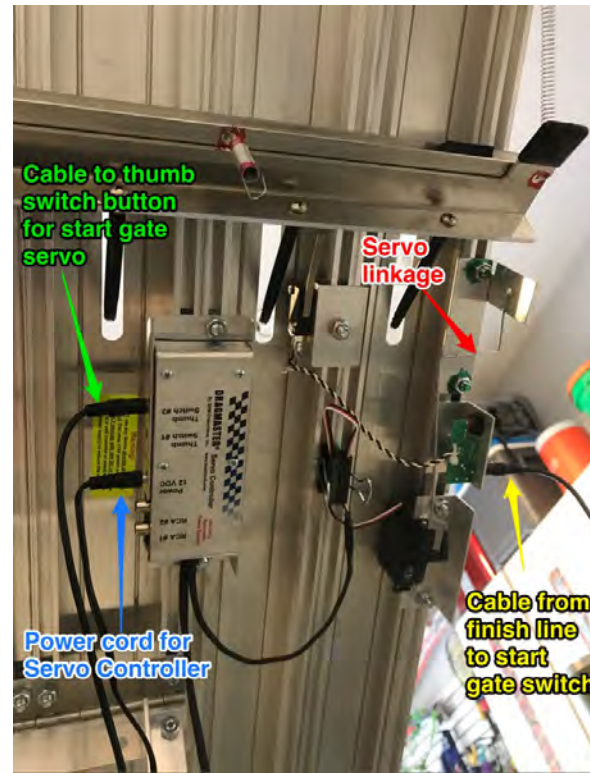
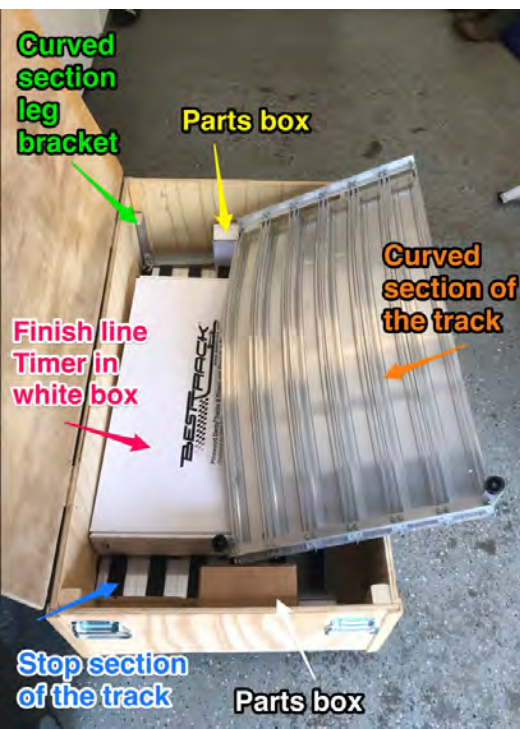




PINEWOOD DERBY TRACK SETUP

DECEMBER-JANUARY

- Review the assembly manual for the track to get an idea of how things should be laid out, what you need to have ready, and how to put the track together. We have photos on file showing how to setup the track.
- If you have never setup the track before and you don't have someone on your team that has, you should consider setting it up ahead of time to get familiar with it. The track is heavy and may require multiple people to help you lift it. The track can be setup in ~45-60 minutes with 4 people.

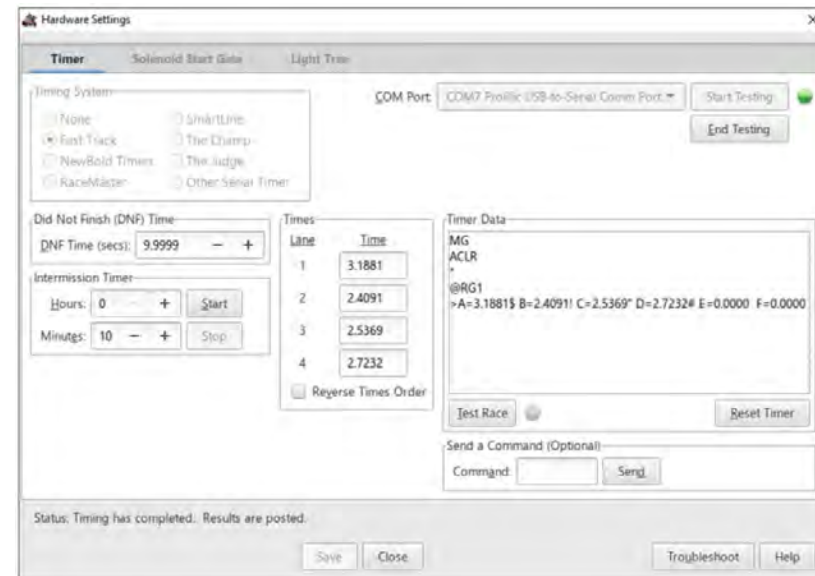
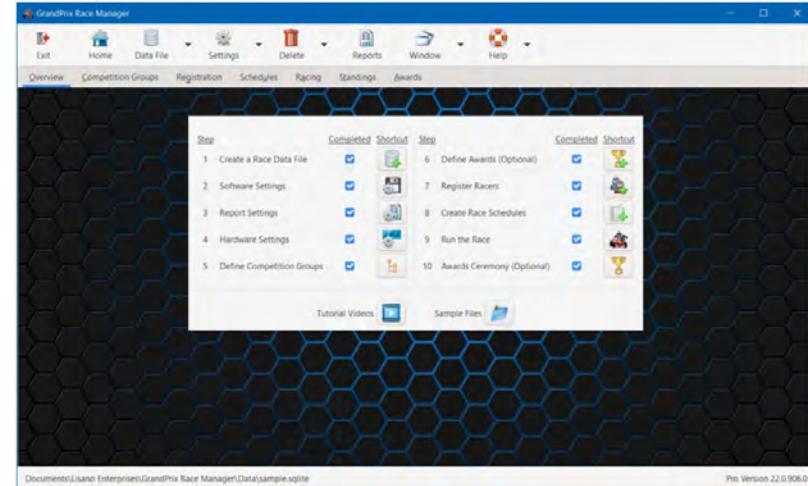




PINEWOOD DERBY SOFTWARE CONFIGURATION

DECEMBER-JANUARY

- Review the help files in the Grand Prix Software and go through tutorials in the program. It is the only way to learn how to operate the software and the track.
- Test timing and computer interface.
- Run simulations of group runs. This is critical.
- You will need to format the roster and import it into the software by creating a .csv file
- We use a LANE ROTATION SCHEDULING METHOD – NORMAL – 1 RUN PER LANE. This makes the races go faster because each scout runs their heats consecutively. If you do something else you are trying to hunt down Scouts and the races go slower.
- Have 2 laptops setup to run the software just in case someone spills their morning coffee on a computer or you get the blue screen of death the morning of the race.





PINEWOOD DERBY VOLUNTEERS

DECEMBER-JANUARY

- Ask the Boy Scout Troops (216 or 212) for volunteers to help setup, take down and work the race. Boy Scouts will earn service hours toward their rank advancement.
- Also ask parents and Den leaders to assist with running the Race.
- We use a SignUpGenius to organize and track volunteer sign-ups.
- We aim for the following volunteer list:
 - **Registration** – 4 volunteers (1 adult – 3 scouts)
 - **Scout herder** – 1 volunteer – to help move the Cubs from seating to the track and back in between heats.
 - **Starter** – 1 volunteer – to help Cubs align their cars at the starting gate
 - **Finisher** -1 volunteer – to keep the Cubs from jumping over the track or bumping into the finish line timer and help retrieve cars after each heat
 - **Track master** – 1 adult volunteer – to run the computer software
 - **Chief Judge** – 1 adult volunteer – to tally votes for design awards and supervise the other design judges
 - **Design judges** – 5 volunteers (scouts & adults) to vote for design category awards
 - **Emcee** – 1 adult volunteer – to work the microphone making announcements, explain rules, warm up the scouts before racing, and make awards presentations
 - **Concessions** – at least 1 volunteer – to run the concessions and get food for volunteers
 - **15+ total volunteers to run the race**





PINEWOOD DERBY RACE DAY SCHEDULING

DECEMBER-JANUARY

- Take some time to plan your schedule for Race Day
- Consider how many participants you could have in each rank and adjust schedule times accordingly.
- Schedule extra fluff time in the first session to work out any bugs or surprises
- Consider having a Sibling race and maybe even an “Unlimited” Race for volunteers

RACE DAY SCHEDULE *Class A required*

Rank (roster count)	Registration / Weigh-in		Race		Awards	
	Start	Finish	Start	Finish	Start	Finish
Lions (5)	9:30 AM	9:40 AM	9:45 AM	10:00 AM	10:00 AM	10:10 AM
Tigers (18)	10:15 AM	10:35 AM	10:40 AM	11:15 AM	11:15 AM	11:25 AM
Wolves (13)	11:15 AM	11:30 AM	11:35 AM	12:05 PM	12:05 PM	12:15 PM
Bears (23)	12:15 PM	12:40 PM	12:45 PM	1:30 PM	1:30 PM	1:40 PM
Siblings (TBD)	1:30 PM	1:45 PM	1:45 PM	2:15 PM	2:15 PM	2:25 PM
Webelo / AOL (41)	2:15 PM	2:45 PM	2:50 PM	3:45 PM	3:45 PM	3:55 PM
Unlimited Race (TBD)	4:00 PM	4:15 PM	4:20 PM	4:40 PM	4:40 PM	4:45 PM



PINEWOOD DERBY COMMUNICATION TO THE PACK

NOVEMBER-DECEMBER-JANUARY

- Communication to the Pack is important.
- Utilize a group email for the Pack.
- Utilize the Pack website if you have one.
- Use the Pack committee meetings.
- Send reminders leading up to Race Day.
- Stress on-time arrival, Class A uniform, and common rule errors.



PINEWOOD DERBY PRE-RACE WEIGH-IN

JANUARY

- Schedule a day(s) for folks to swing by and unofficially check cars against the “Go-No-Go” template and check your car for proper weight on the official Derby scale.



PINEWOOD DERBY REGISTRATION & PIT AREA

RACE DAY - REGISTRATION

- Have printed rosters available for the registration table.
- Have labels (numbers) to attach to the bottom of registered cars – or use a Sharpie.
- Have extra batteries for the scale – calibrate the scale prior to race day and know how to operate the scale. Cubs like to play with the scale so watch that they do not abuse it.
- Have printed inspection checklist forms for the registration volunteers. Make sure all the registration checklists for each participant make it over to the Track Master so the computer software can be updated. We lost a checklist for 1 participant in the past and we did not get him registered in the computer. That participant had to run his car down the track at the end of the race by himself = not fun.
- Having one dedicated Adult to supervise registration is extremely helpful.

RACE DAY –PIT CREW REPAIR AREA

- Have a table setup with tools to make repairs to cars that fail registration or cars that break during a heat. Setup a drill, a Dremel tool, glue gun, power strip, super glue, sandpaper, pliers, a small shopvac, etc.
- Consider having a second “unofficial” scale at the repair pit so folks taking weight off their car are not travelling back and forth to the registration table.





PINEWOOD DERBY DESIGN JUDGING

RACE DAY – DESIGN JUDGING

- Have printed judging sheets, clipboards, and pens for the Design Judges.
- We use a Derby Car “Corral” to stage the cars before the race – keep this area segregated to only allow access to working volunteers.
- Consider having a Chief Judge dedicated for the entire day to streamline the process. The Chief Judge will help you tally points for design awards. We remove the top 3 fastest cars from design award eligibility. The Chief Judge will make executive decisions to break any ties.





PINEWOOD DERBY AWARDS PRESENTATION



RACE DAY – Have a PowerPoint to display the award recipients.

- **CUB SCOUT THEME**
- **MOST PATRIOTIC**
- **FUTURISTIC/TECHNO**
- **MOST ARTISTIC**
- **JUDGE'S CHOICE**
- **ORIGINAL DESIGN***
- **BEST DESIGN***
- **3rd PLACE SPEED***
- **2nd PLACE SPEED***
- **1st PLACE SPEED***

- Finn Perry

- Luke Bartilucci

- Jack Howell

- Jackson Tidwell

- Max Marchitello

- Robert Wilkerson

- Max Grau

- Benjamin Salzman

- Matthew Almeida

- Ethan Roth

*** Qualify for District**



PINEWOOD DERBY CONCESSIONS

RACE DAY – CONCESSIONS

- Get a volunteer to run the concession stand – provide volunteer Boy Scout labor to assist if necessary.
- We purchased a popcorn machine for the pack to make fresh, hot popcorn.
- Provide coffee and breakfast for the morning volunteers.
- Provide lunch for the afternoon volunteers – we typically order in pizzas or make hotdogs.
- Consider using the concession stand to sell Pack t-shirts or other swag.





PINEWOOD DERBY RACE DAY SUPPLIES

- Sound System for the Emcee
- 2 Laptops
- A good toolkit for assembling the track
- Pit crew repair tools and material
- Have extra wheels and axles on hand
- Projector & Projector screen
- Plenty of extension cords
- Power strips
- Duct Tape to secure cords to the floor
- Trash cans and bags –broom & dustpan
- Signage for each table to optimize visibility
- Small folding step-ladder so Cubs can reach the track to place their cars
- Extra batteries for the scale
- Pack flags and stands
- Registration supplies – scale, labels, etc
- Design Judging supplies
- Soft towels, if needed, at the finish line to stop cars from crashing off the track
- Trophies & Patches
- Decorations – checkered flag ropes and table clothes
- Folding tables
- Portable Speaker for music / sound effects & National Anthem
- Photo Booth materials
- Fog machine
- Tournament style brackets for double elimination manual heats for emergency only if the timer fails





PINEWOOD DERBY PHOTO BOOTH

- **RACE DAY – PHOTO BOOTH**
- Consider setting up a backdrop of some sort for a photo booth. This will allow parents to take memorable photos of their scout with their car/trophy. Throw in some silly props to make it more fun.





PINEWOOD DERBY MAKE IT FUN!

RACE DAY

- Consider adding elements into your Derby to make it more fun for everyone. Here is a list of things we have done along with some ideas for the future:
 - Play music during idle time – bring a portable speaker.
 - Play a slideshow of previous pinewood derby pictures, pictures of pinewood cars, snippets of cartoon jokes, etc.
 - Give the Emcee a script that includes fun facts and jokes to warm up the crowd.
 - Race Replay** software allows you to setup a camera and play replays of each heat –we found this to be a bit glitchy and more trouble than it is worth but if future upgrades to the software allow for it then it is an added bonus.
 - Race FX** software allows you to play many more fun sound effects on race day .
 - Fog Machine for special effects –we placed a remote control fog machine under the track and would blast a small amount of fog during some of the heats – the Cubs loved this addition.
 - Play the National Anthem prior to each rank’s race.
 - Consider having entrance music as you introduce each scout up to the track.
 - Add an “Unlimited” Parents Race with only 2 rules – it must fit in the “Go-No-Go” template and be 5.0oz. We plan to do this the morning of Raceday to test the track & Timer. The entry fee is the parent must volunteer to help run the event.



PINEWOOD DERBY AFTER THE RACE

AFTER RACE DAY

- ❑ Run reports from the Race Manager software and share with the Pack. You will want to do this sooner rather than later as people are curious how they stacked up against their competition. Send race results via email and/or post it on the Pack website. We run reports by rank and share a top 20 overall finishers.
- ❑ Calculate the “Fastest Den” award. This is calculated by taking the average of the top 3 racers in each Den present at the race. We have a larger trophy for the fastest overall scout and that is presented at the next pack meeting.
- ❑ You will need to send qualifier information to the District Pinewood Derby contact. Register the pack for the District Race and communicate details to the qualifiers.

TOP 20 OVERALL SCOUTS

Place	Avg Time	Avg MPH	First Name	Last Name	Car#	Rank
2	2.5341	204.62	Sachin	Senthil Kumar	98	Webelos
3	2.5636	202.26	Conner	Smolen	103	Sibling
6	2.5786	201.09	Almeida	David	61	Webelos
7	2.5858	200.53	Kanipe	Landon	2	Lion
9	2.5892	200.26	Twaro	Colin	35	Wolf
10	2.5908	200.14	Poston	Caleb	27	Wolf
11	2.5913	200.1	Kyprios	Thomas	49	Bear
12	2.5922	200.03	White	Sean	93	Webelos
13	2.5934	199.94	Kanipe	Kinsley	39	Bear
14	2.5968	199.67	Smolen	Hunter	54	Bear
15	2.6032	199.19	Dwyer	Daniel	95	Webelos
16	2.6047	199.08	Patrick	Dwyer	102	Sibling
17	2.6057	199	Miller	Patrick	47	Bear
18	2.6069	198.9	Roth	Ethan	16	Tiger
19	2.6073	198.87	Almeida	Matthew	20	Tiger
20	2.6078	198.83	Cjccolini	Marco	66	Webelos
23	2.6089	198.75	Katsirubas	Patrick	58	Bear
24	2.6102	198.65	Jayasooriya	Mallen	65	Webelos
24	2.6102	198.65	Kanipe	Liam	97	Webelos
26	2.6109	198.6	Salzman	Benjamin	7	Tiger



TIGER RESULTS



Place	Avg Time	Avg MPH	First Name	Last Name	Car#	Rank
18	2.6069	198.9	Roth	Ethan	16	Tiger
19	2.6073	198.87	Almeida	Matthew	20	Tiger
26	2.6109	198.6	Salzman	Benjamin	7	Tiger
29	2.632	197	Wilkinson	Robert	14	Tiger
33	2.6477	195.84	Marchitello	Maxwell	22	Tiger
34	2.6479	195.83	Howell	Jack	8	Tiger
53	2.739	189.31	Tidwell	Jackson	12	Tiger
61	2.7916	185.74	Perry	Finn	17	Tiger
62	2.7946	185.54	Grau	Maximilian	21	Tiger
72	2.915	177.88	Jasper	Benjamin	6	Tiger
74	2.9587	175.25	Hockett	James	18	Tiger
80	2.9789	174.07	Karol	Joseph	11	Tiger
85	3.0849	168.09	Bartilucci	Luke	19	Tiger