2021 PINEWOOD DERBY
TWO CHIEFS DISTRICT

Major Sponsors This Year are:
**THE JEFFERSON COUNTY FAIR BOARD
WINTERSVILLE TROPHY SHOP * THE VILLE RESTAURANT**

Date: Saturday May 8, 2021
Location: Friendship Park – Rosza Pavillion

For: All Cub Scouts (Lion, Tiger, Wolf, Bear, 1st & 2nd year Webelos)
Entry Fee: $5.00 per Cub Scout by Pack Pinewood Derby Chairman if received at
the registration location on or before Tuesday April 27, 2021.

$8.00 per Cub Scout if received after this date, but names and fees must
be received by Joe Kovaleski by Tuesday May 4, 2021 in order to participate. No
individual registrations will be taken unless a Pack is not participating in the
Derby. Starting times for drivers will be given to the Pack Pinewood Chairman
shortly after registration ends. Give your names and fees to your Pinewood Derby
Chairman if you are going to race.
* Drivers must be in the pit area at least 20 minutes before their scheduled race times.

* *YOU __MUST__ BE IN YOUR UNIFORM IN ORDER TO PARTICIPATE IN THE RACE!!!*
* *SHIRT MUST BE TUCKED INTO PANTS - Sweatpants are not part of a uniform!*

* **CARS WILL BE INSPECTED!!** After inspection, cars may not be modified or
adjusted unless they have been sent to the Repair Table by the inspection team. Graphite will
be permitted to be applied as described in Rule #9. Only Cub Scouts will handle transporting
the cars from inspection to the final race.

* Trophies will be awarded to the final six winners.
* Last year's winners were:

1st	Reagan Huggins	Pack 334	4th	Robbie Glover	Pack 334
2nd	John "JP" Wilson	Pack 269	5th	Roman Bowers	Pack 401
3rd	Jacob Ramsey	Pack 20	6th	Dugan Mills	Pack 20

Derby Patches are given to every racer. Race Ribbons are awarded to the heat winners.
* Final race winning cars will be held for one year after the race. They may be picked up from
the derby chairman at the end of the current year's race.
**ALL CUB SCOUTS MAY PARTICIPATE IN THE TWO CHIEFS DISTRICT
PINEWOOD DERBY EVEN IF THEY DID NOT WIN IN THEIR PACK RACES.**

If 2nd Year Webelos have crossed over by this time, they will still be eligible to race!

2021 PINEWOOD DERBY RULES

1. Each Cub Scout is to build a completely new car each year. No car, or parts thereof, used in any previous year, or in any adult race, may be used by the participant. **Build does not mean from a precut kit from a hobby shop, etc., or the internet. Build only from BSA Derby Kits #17006, Wedge #614417, Wheels #17553(any Color) – all available at the Scout Shop.**

2. **Width:** Overall width shall not exceed 2 3/4 inches. (No fins, etc., sticking out past the wheels).
    - **Front of car** should be at least **3/8 inch wide** to make sure finish line sensor is triggered correctly.

3. **Length**: Maximum overall length shall not exceed 7 inches. No protrusions from front of car and no part of the car is permitted to extend beyond the starting line

4. **Clearance:** The car must have a minimum clearance of 3/8 inch under the body and 1 3/4 inches between the inside of the wheels and **No Weights Sticking Out From Underneath The Car.**

5. **Attachments**: The car must be freewheeling, with no starting device or motor of any kind.

6. **Weight:** Weight of the car must not exceed 5 ounces (U.S. Measure). No loose materials of any kind are permitted in or on the car. The car body may be hollowed out and built up to the maximum weight by solid metal only, provided that it is securely built into the car body. **Weights and weight plates that are added to the bottom of the car are not permitted to stick out past the bottom of the wood**. They must be recessed. Weights secured by tape anywhere on the car are not permitted.

7. **Materials:** The car shall be made up of materials from the **Official BSA Grand Prix Pinewood Derby Kit #17006 only.** This includes body, wheels, and round head nails furnished in the kit. Decorations can be added as long as length and width requirements are not exceeded. Nail shafts may be polished only and cannot be turned down (reduced in diameter) or modified in any other way. Nail heads cannot be modified in any way other than removal of the stamping burr. If any axle nails appear to have been modified, the inspection team has the right to have the axles pulled out of the car for further inspection. **The nail heads cannot be less than .190 inches in diameter.**

8. **Wheels:** Wheels are not to be shaved or reduced in diameter or width. Sandpaper may be used to sand the wheels to remove the molding burrs, but the contour of the wheels **cannot** be changed. **The surface of the wheel where it meets the track must be _FLAT_**, **No tilting of wheels to ride on the edge of the wheel**, and the decorative bead running around the outer edge of the tire must be completely **intact**. Wheel bearings, washers, and bushings are prohibited. Inner or outer wheel axle hubs cannot be modified in any way**,** other than cleanup of the burr. _Speed axles_ of any type (bought or made) are strictly prohibited and will cause you to be completely disqualified (SEE RULE #7). Yes, this means **YOU will NOT be permitted to race!** The axles **must** be in the slots provided in the block of wood. _The slots that the axles are in cannot be filled in or covered with any material covering the axles whatsoever. NO AXLE GUARDS. The entire axle nail must be visible in the car body for each wheel. Clear Superglue may be used to hold the axle in the slot. The nail head must also be visible –NO HUBCAPS._

9. **Lubrication:** Graphite lubrication for the current race event will be permitted to be done only in the graphite table area after the car has passed through the inspection station. This minimizes graphite being spread around on the mall carpeting. No lubrication shall be permitted on the running surface of the wheels. Lubricate only in the immediate area of the axle only. _Powdered Graphite_ is the official lubricant and will be the **only** lubricant permitted to be used.

10. **Inspection:** Each car must pass inspection by the official inspection committee before it may compete. Inspectors will have the right to disqualify and send to the repair area, those cars which do not meet the specifications at any time during inspection or during the duration of the race.

11. **Registration:** Pinewood derby participants must be registered for the race on or before Tuesday, April 27, to avoid late fees. (Late fees will be charged after Tuesday, April 27, 2021.)
    One person from each pack should handle the registration, scheduling and fees.

12. **Entering:** To enter the race, the boy must be a registered Cub Scout (Lion, Tiger, Wolf, Bear, 1st &2nd year Webelos) with the **TWO CHIEFS DISTRICT** of the Ohio River Valley Council.

13. **Decisions:** The decisions of the Pinewood Derby Staff Judging Team shall be **final !**

**SORRY, THERE WILL NOT BE ANY FAMILY PINEWOOD DERBY RACES THIS YEAR
HOPEFULLY, EVERYTHING WILL BE BACK TO NORMAL FOR THE 2022 RACES**

Last year's Family Race Stock Class winners were:

1st	Jason Hawkins	Pack 41	4th	Jenn Altieri	Pack 415
2nd	Karen Hill	Troop 415	5th	Zach Bryan	Troop 415
3rd	Robert Kovaleski	District	6th	Ed Hill	Troop 415

Last year's Family Race Hot Rod Class winners were:

1st	Joe Kovaleski	District	4th	Karen Hill	Troop 415
2nd	Ed Hill	Troop 415	5th	Suzan Kovaleski	District
3rd	Robert Kovaleski	District	6th	Joe Eltringham	Pack 41

REGISTRATION DATES AND LOCATIONS

Anytime by contacting Joe Kovaleski at (cell) 740-632-7500 for a drop off time.

Registration Names can also be emailed to josephkovaleski@sbcglobal.net
With the check mailed to or dropped off at the house–(**please make your check out to Joe Kovaleski**)
Joe Kovaleski   167 Rosslyn Blvd. Steubenville, Ohio 43952

Late Registrations by contacting Joe Kovaleski at **740-632-7500**

Please furnish an emailed list of the participants to Joe Kovaleski, josephkovaleski@sbcglobal.net in order to avoid spelling errors and to help speed things along when doing the race schedule.

Please pay attention to the deadlines for the race fees

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**Covid Protocols will be followed.
          Please wear your masks as necessary!**