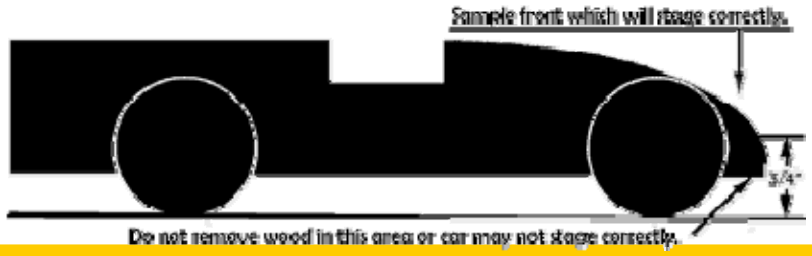
Annawon Council
PINEWOOD DERBY RULES

- Attendance: This is a Scouting event, so all participants (and all Scouting Leaders) are expected to be in their **full scout uniform.**
- Always rule 1: **Have fun!** As with all Cub Scout events, the first rule is always to have fun!
- Kits: Only cars built entirely from the "Official Grand Prix" Pinewood Derby kit shall be eligible for competition. Kits may be obtained through the council office. If kits are obtained through other sources, be sure that they are official BSA kits. Cars used in previous years are ineligible.
- Maximum width: Overall width shall not exceed 2.75 (2¾) inches.
- Minimum width of the body between the axles shall not be less than 1.75" (1 ¾").
- Length: Overall length shall not exceed 7.0 inches.
- Weight: Weight shall not exceed 5.0 ounces. Weight shall not be added to or removed from the car once it is registered.
- Height: Overall height shall not exceed 2.75 (2¾) inches.
- Details: Details such as a steering wheel, driver, decals, painting, and interior details are permissible as long as these details do not exceed the maximum length, width, height and weight specifications and they are securely fastened with no moving parts.
- Attachments: The car must be free-wheeling with no starting and or acceleration devices.
- Springs: The car shall not ride on any type of springs.
- Bearings: Washers and bushings of any type (including paper) are prohibited.
- Lubrication: The only lubrication that may he applied to the car is Dry Graphite. This may be applied only to the axles, wheel hubs, and contact points between the wheels and the car body. Graphite may not he applied once the car has been registered. Use of liquid lubrication is prohibited. Note: It you plan to lubricate your car, please do so at home. Graphite which spills on the floor is both difficult to remove and potentially dangerous.
- Axles: Only the axles (nails or the "new" BSA axle kits) provided in the kit may be used. Chroming, or any other type of special technical process, may not be used to apply a smooth finish to the nail or axle kits. Axle spacing of 4 3/8" inches must be maintained on all cars.
- Eligibility: Only registered Tiger Cubs, Cub Scouts, or Webelos Scouts are eligible to compete. Only one entry per boy is allowed. Multiple entries made by the same boy will result in a disqualification of all his entries.
- Responsibilities: It is the sole responsibility of each participant to pick up his car at the end of the race. The District Pinewood Committee is not responsible for lost or damaged cars.
- Wheels: Wheels must be full width, as provided in the "Grand Prix Kit." (NOTE: Wheels with the raised lettering are a bit difficult to fit into the track slots.) Wheels may not be tapered or re-formed so as to reduce the footprint of the wheel against the track surface. Wheel seams may be removed from the wheel, as described in the kit, providing that the preceding rules are not violated. No other modifications to wheels are permitted.
- Staging: Cars shall have a leading edge which is flat and parallel with the axles. The leading edge should be between 0.5 (½) and 0.75 (¾) inches above the track. Cars which "ride-up" on the staging pegs may be run backwards, or disqualified, at the judges' discretion. An electronic finish line will be used; therefore, it is recommended that extreme needle-nose designs be avoided. (See Picture on Open Rules).
- Adjustments: Once a car is registered, nobody may tamper with the car, except to repair broken parts or to correct rule violations at the repair station. An adult is permitted to make the repair and/or correction. Any adjustments must be made under the supervision of one of the race officials.
- In order for any heat to be Re-run it must be a clear malfunction of equipment, or interference with the cars or track by a foreign object. A slow heat will still be a slow heat that is part of racing. Any challenge to the results will be reviewed by the Pinewood Committee, their decision is final.