Wood Block Grand Prix

Sponsored by Rinehart Racing

Race Day Rules and Guidelines

Wood Block Grand Prix is a wood car racing event established to bring Families and Friends together to make Lifelong Memories by building a Race car from a specified wooden car kit.

Very Important: Every racer in this year's race **MUST** use the **Designated Kit provided by Rinehart Racing**. The car kit is included with the entry fee. **No outside kits will be allowed in this race**.

Please follow these guidelines and pay close attention to the **size**, **weight** and **dimensions** specified below. Each car will need to pass a **Race Day Inspection**, checking Size and Weight before they are qualified to race in the Grand Prix. It will not be the intentions of the race officials to disqualify any racer. Time will be provided at check-in for each racer to make the necessary adjustments to bring their car into the required specifications. Please check the video presentation provided on our website and if needed, feel free to contact your race coordinator through our website for details and information regarding racing rules.

1. Car Kits: Racers can only register one car for the Racing Day, based on their grade level. A new car design is required each year. The racers must use the parts provided in the kit for their intended use. On race day, once a car has been registered and checked-in, car owners will not be allowed to touch their cars until their car is done racing. No further work may be completed. A work area will be designated to lubricate and work on cars **before they are registered**.

2. Car Specifications: To be eligible for competition, a car must fit on and roll down the track without interfering with any other car.

Each car will need to fit inside of the pre-race measurement box. The car must freely fit, or adjustments will need to be made before the car would qualify to clear the pre-race inspection. The pre-measurement box is designed to meet the size specifications listed below.

- Maximum **Length**: **7 ¼ inches** (**including all attachments**)
- Maximum **Width**: **2 ¾ inches**
- Maximum **Height**: **3 inches**
- Maximum **Weight**: **6 oz. (171 grams)**
- Minimum **Under-Car Clearance**: **3/8 inches**
- Minimum **Distance Between Wheels**: **1 ¾ inches**

No ribbons or strings will be allowed to decorate a car while racing. This might impede other cars during the racing process. Any other types of decorations that might impede other cars while races will not be allowed.

No car with wet or sticky paint or glue will be allowed to participate. All painted cars must be completely dry at the time of pre inspection.

3. Weights: A racer will need to add weight to their car to meet the maximum weight allowed.
Again, **Maximum Weight**: **6 oz. (171 grams)**

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. **No Taped on or wet glued weights are allowed on race day.**

If weights or any other part of a car comes off during a race, racing will continue and the car in question will be allowed to continue **(if able)** without the lost part or weight. **No racing will be delayed for repairs.**

If weights or any part of a car comes off during a race and interrupts a competitor's car, that race will be re-ran so the car that was interrupted can receive an opportunity to safely compete. Again, **No racing delays will be allowed for repairs.**

4. Wheels: All cars entered to race **must use the wheels provided in the Rinehart Racing kit**.

No machine tapering of car wheels will be allowed. The only modifications allowed to the racing wheels would be light sanding to remove the mold imperfections that appear on each wheel. No other narrowing modifications on the surface of the wheel, other than light sanding will be allowed.

Racers may paint the outside sections of the racing wheel if they wish, however paint could cause friction and slow the race car down. No Chrome tape or stickers will be allowed on the racing wheels.

No Teflon washers between the wheels, screws or aisles will be allow.

Racers may use a wet or dry lubricate such as **Graphite Powder** or **Silicon Sprays** to improve the cars racing speed. (Be very careful to avoid any solvent based lubricate because the solvent will destroy the wheels and impede the cars racing performance.)

The screws provided with the car kit may be polished on the un-threaded portion to reduce friction and improve racing speed.

5. Competition Classes: The following racing divisions will be offered on Race Day. Racers will need to register in the selective class based on their current grade. Be sure to list your School, Classroom Number and Teachers Name as you register for this year's race.

As a Reminder: **Racers are only allowed to enter one racing entry for the day.**
An example: A student cannot enter two (2) cars in the 2nd Grade Division. A student cannot enter a car in the 3rd Grade Division and a car in the Family or Other Division.

Race Day Inspection and Check in **7:00 to 9:00 am Only**

Racing Divisions	This is a tentative schedule	Times
○ Kindergarten	Race Starting Time	9:00 to 9:45 am
○ 1st Grade	Projected - Race Starting Time	9:45 to 10:30 am
○ 2nd Grade	Projected - Race Starting Time	10:30 to 11:15 am
○ 3rd Grade	Projected - Race Starting Time	11:15 to 12:00 pm
○ 4th Grade	Projected - Race Starting Time	12:00 to 12:45 pm
○ 5th Grade	Projected - Race Starting Time	12:45 to 1:30 pm
○ 6th Grade	Projected - Race Starting Time	1:30 to 2:15 pm
○ Family or Other	Projected - Race Starting Time	2:15 to 3:00 pm
○ Championship Round	Projected - Race Starting Time	3:00 to 3:30 pm

Family or Other Class: This class is established to provide other members of your Family, **who are not enrolled at a Participating school**, the opportunity to enjoy the racing experience. People includes Dads, or Moms, younger or older siblings. Entries are also open to a neighbor or friend not enrolled in a participating school.

The Family and Others Class will not qualify for the **Overall Championship Round** of racing. The Championship Round will only be for the students registered to race from a participating school.

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RACING FUN FOR EVERYONE