

# Kiwanis Club of Mt. Carmel

Presents the **5th Annual**



## April 28, 2018

3<sup>rd</sup> & Market Streets

Registration begins at 1 pm

Racing Begins at 2 pm

Registration Fee is \$10.00



Rules updated for 2018

NOTE TO COMPETITORS: TWO rule changes for 2018:

- 1) 400 LB weight limit combined for CAR + DRIVER.
- 2) Cars must have 4 wheels in a car-like fashion where each wheel is weight bearing.

Kiwanis Wabash Cannonball Downhill Derby

Safety:

- 1) All cars will be inspected for safety the day of the event prior to being allowed to race.
- 2) There shall be NO sharp or protruding objects that could injure either the driver or spectators. This will include deer or other antlers or animal horns.
- 3) All carts must have a brake and steering mechanism.
- 4) All drivers will be expected to sign a waiver releasing the Mt. Carmel Kiwanis and all other related parties and/or sponsors staging the event, from all liabilities occurring during the event. Waiver forms must be signed prior to racing and will be available during registration.
- 5) All drivers must wear a helmet with a face shield or a helmet with goggles. Bicycles helmets will be acceptable, baseball helmets are not. Drivers are encouraged to wear long sleeves, long pants and gloves while racing.
- 6) All drivers shall wear proper footwear during the event. No open toe shoes, flip-flops or sandals will be allowed.
- 7) Drivers are encouraged to wear elbow and/or knee pads.
- 8) Any brackets, screws or other objects that face the driver, other drivers, or spectators must be padded, covered, removed or ground down in order to be safely used in the event. Inspectors will have the final word in any discrepancy.
- 9) Smoking is not allowed within 20 feet of the hay/straw bales.

CARTS:

- 1) Carts must have 4 wheels in a car-like fashion where each wheel is weight bearing.
- 2) Carts may not exceed 48" width, 72" in length in order to fit on the starting gate properly.
- 3) Tires and wheels must be a minimum of 24 inches apart from side to side.
- 4) Carts must have a functional steering and braking system. Two brakes, one for each side, are recommended. Ground scrubbing brakes are discouraged. A tire scrub brake is the simplest design. Brakes are not considered a steering mechanism.
- 5) Carts may be constructed of any type of material, including but not limited to wood, cardboard, plastic, fabric, fiberglass, rubber or sheet metal. For safety purposes, carts are limited to 200 pounds, excluding the driver. The driver may not wear any excess weights, only standard safety gear.
- 6) All carts must have a bumper or other surface on the front of the vehicle to allow for a safe and fair start. Bumper shall be used as surface to go against starting gate. Bumpers must be able to contact the starting gate 8 inches from the ground.
- 7) All carts shall be homemade. Kit cars are not eligible for trophies and will be considered as demonstration runs only.

- 8) Carts shall have a ring or other object, preferably an eye bolt bolted to the frame, affixed securely to the front AND rear of cart in order to be transported uphill by a pulling vehicle. This ring or object must be affixed securely enough to handle the weight of car and driver in succession if necessary and must have a hole of 1 inch opening or more.
- 9) All carts shall be **gravity powered only**. NO motors, pulleys, magnets or other propulsion system of any kind are allowed, including the use of hands or feet.
- 10) All carts must be deemed safe by officials prior to their scheduled race.
- 11) A name or number for identification purposes on the cart is required.
- 12) Each racer must have their own cart. There will be no sharing of carts.

#### RACING:

- 1) Drivers must be at least 8 years old to participate. Races will be run as a double elimination format. Round one races will be blind draw pairings.
- 2) All drivers under age 18 must have a parent or legal guardian signature on their waiver sheet.
- 3) All decisions will be based on the first car to cross the finish line. In the event that both carts stop before they cross the finish line, the driver that travels farthest shall be deemed the winner. If neither cart crosses the finish line and are deemed to have traveled the same distance, another race may be called at the discretion of the officials.
- 4) If a cart does not cross the finish line, you will not be allowed to push it.
- 5) Drivers shall remain in their lane and not interfere with the operation of the opposing driver's cart. This shall include, but is not limited to, making contact with the opposing driver's cart. Exiting your lane or interfering with the operation of or making contact with the opposing cart will result in disqualification in that race.
- 6) Only the racers are allowed on the track during their race. All non-competing racers and pit crews shall stay out of the race lanes at all times during the event.
- 7) Drivers must be ready to race for their event. In the event that a driver is not present, their cart or they are not race ready for their race, that driver may be disqualified from that race.
- 8) No driver or pit crew shall be under the influence of drugs or alcohol.
- 9) Driver shall remain in his cart until the race is complete and await instruction from safety crews.
- 10) Hands and feet must remain in or on the cart at all times
- 11) If a driver must work on their cart, work must be completed prior to their starting time. No race shall be delayed by more than 5 minutes because of a problem a driver may be having.
- 12) Officials will have final decision in all races and interpretation and/or violation of rules.
- 13) All competitor's names or numbers will be called prior to their race. Each heat will have a maximum of 2 racers.
- 14) Late registration will not be accepted. All drivers must be lined up in their proper position prior to the start of their event. Times and deadlines will be announced prior to the event.

#### Prizes:

- 1) Trophies will be awarded to the winner of each division.
- 2) Trophies will also be awarded in various categories, which may include but is not limited to:
  - A) Best Team Spirit
  - B) Best Dressed Team
  - C) President's Award

D) Best Design

- 3) Entry Fees will be determined and announced prior to Race Day.

All families, school clubs or classes, local businesses and organizations are encouraged to design, build and enter a cart for a fun day of racing. This event will be the Saturday of Wabash County Ribberfest. The course will be on 3<sup>rd</sup> St from Market to Mulberry. A starting ramp will be used to start the cars down the hill.