



1st Richmond Hill presents:



YHW Area Rally 2018



Date: Friday, March 2nd and Saturday, March 3rd, 2018

Time: Friday, March 2nd

Scout Truck Races: registration 6:00-7:00pm, races 7:15-8:30pm

Scouter Kar Races: registration 7:00-8:00pm, races 8:30-9:00pm

Saturday, March 3rd

Beaver Buggy Races: registration 9:15-10:00am, races 10:15-11:30am

Kub Kar Races: registration 10:00-11:15am, races 11:30-3:30pm

**Racing times are approximate, based on the number of racers.*

Place: Our Lady Queen of the World Church

10411 Bayview Avenue (at Crosby)

Richmond Hill, ON L4C 3P2

Please note that the building is a place of worship and should be treated with respect.

Event: Racing to use the Dynamic Method for Race Scheduling with a finalist run-off. Please see attached rules.

Dress: Please wear your uniform.

Tuck Shop: Open both days – food, baked goods, snacks, coffee/tea, drinks, and more!

Cost: \$8.00 per Buggy, Kar or Truck - due **Friday, February 16th, 2018**

** Registration fee \$10.00 after deadline*

Note: *Youth unable to attend may have another registered Beaver, Cub, or Scout run their Buggy, Kar or Truck. Registration fee is required.*

Submit registration forms and payment to Scouter Sheri at rilett@rogers.com by

Friday, February 16th, 2018



YHW Area Rally 2018 BEAVER BUGGY RALLY RULES

Any deviation from this for **Special Needs** must first be cleared with the Rally Coordinator with Registration.

- 1) Beaver Buggies must be built from an official 2017-2018 Scouts Canada Beaver Buggy kit available from the Scout Shop. Any deviation from this must first be cleared with the Rally Coordinator with Registration. Only one Beaver Buggy may be entered per youth and may not be a previous years' Beaver Buggy.
- 2) Only the Beaver Scout owner or another registered youth can race the Beaver Buggy.
- 3) Each Beaver Buggy must pass inspection prior to the race. Once the Beaver Buggy has been registered and inspected, it cannot be altered in any way.
- 4) The size of the wheels cannot be changed and the Beaver Buggy must be no more than 70mm wide due to the Track.
- 5) Any lubricant may be used, but it must be dry at the time of inspection. All excess lubricant must be removed before inspection. No lubricants of any kind can be used after it has been registered and brought to Pit Row.
- 6) No wheel or ride suspension whatsoever is allowed.
- 7) The Beaver Buggy must be freewheeling with no starting device or other propulsion.
- 8) Only Canadian Beaver Nickels are to be added to the top of the Beaver Buggy base as weights. The Beaver Buggy must weigh no more than 100g.
- 9) All parts of the Beaver Buggy must be securely fastened. No loose objects are allowed. ***ABSOLUTELY NO GLITTER IS TO BE USED!*** (this will mess up the track and cause problems with timing).
- 10) PLEASE DO NOT PAINT the bottom of the Beaver Buggy, this area is to remain unfinished for identification. All entrants must have the following information in ink on the unpainted bottom of the Beaver Buggy:
 - a) Name
 - b) Age
 - c) Group and Area
 - d) Current Year - 2018
- 11) The decision of the Official Inspection Committee and Rally Officials concerning racing are final.

PLEASE NOTE THAT EACH BEAVER BUGGY MUST PASS INSPECTION BY THE OFFICIAL INSPECTION COMMITTEE BEFORE IT CAN RACE. THE INSPECTORS HAVE THE RIGHT TO REQUIRE ADJUSTMENTS OR DISQUALIFY ANY BUGGY WHICH DOES NOT MEET THE ABOVE SPECIFICATIONS.

If you have any questions about the rules, please contact Sheri Rilett at rilett@rogers.com





YHW Area Rally 2018

OFFICIAL KUB KAR RALLY RULES

Any deviation from this for **Special Needs** must first be cleared with the Rally Coordinator with Registration.

- 1) Kub Kars must be constructed completely from the material supplied in the official Scouts Canada 2017-2018 Kub Kar Kit available from the Scout Shop:
 - a. 1 block of wood
 - b. 4 wheels
 - c. 5 nails
 - d. Decals
 - e. 1 spare wheel

Only one Kub Kar may be entered per youth and may not be a previous years' Kub Kar.

- 2) Only the Cub Scout owner or another registered youth can race the Kub Kar.
- 3) Each Kub Kar must pass inspection prior to the race. Once the Kub Kar has been registered and inspected, it cannot be altered in any way.
- 4) VEHICLE SPECIFICATIONS:
 - a. Overall width not to exceed 70mm
 - b. Overall length not to exceed 178mm
 - c. Overall height not to exceed 75mm
 - d. Wheels must be a minimum of 45mm apart in width, in order to clear the track
 - e. Clearance between the Kub Kar body and the track must be a minimum of 10mm
 - f. No part of the Kub Kar may overhang or extend beyond the start barrier
 - i. If a Kub Kar is constructed in such a way that it does, the Kub Kar will be run backwards if that resolves the issue
 - ii. If the Kub Kar is designed so that either end overhangs or extends beyond the start barrier, the Kub Kar will not be registered
- 5) WEIGHT SPECIFICATIONS (the weigh scales at the Rally will be considered as official):
 - a. The Kub Kar cannot weigh more than 142g
 - b. Weight may be added to the Kub Kar in accordance with the following specifications:
 - i. weight can only be added to the bottom of the Kub Kar and only between the axles OR weights can be added as rods drilled into the Kub Kar in a way that does not obstruct the track or operation of the Kub Kar or other Kub Kars
 - ii. bottom weights must be flush with the bottom of the Kub Kar and weights may not be used in any way in the design of the Kub Kar (e.g., tacks used as headlights)

6) FINISHES:

- a. Wood fillers may be used to fill scratches and joints
- b. Glue may be used for joining parts and filling scratches and joints
- c. Paints and enamels may be used for finishing
- d. Wood fillers, glue, and paint or enamel may not be used in forming parts of the Kub Kar (e.g., moulding fenders from glue and sawdust is not allowed)
- e. **DO NOT PAINT** the bottom of the Kub Kar - this area is to remain unfinished for identification (see below)

7) ATTACHMENTS:

- a. ONLY scrap material from the block of wood supplied in the Kub Kar Kit can be used to make special design parts such as fenders, lights, etc. - no Lego pieces, etc. are allowed on the Kub Kar

8) PROPULSION:

- a. The Kub Kar must be free wheeling
- b. The Kub Kar shall not ride on any springs or use any self-starting device or other propulsion

9) WHEELS:

- a. Only the wheels in this year's Kub Kar Kit may be used
- b. Axles may be polished and lubricated, however they may not be altered in any other way
- c. Wheel bearings, washers, or bushing are not allowed
- d. The fifth wheel may be used, if desired, as a design feature, however it may only be glued on to the Kub Kar

10) LUBRICATION:

- a. Any lubrication may be used by the builder, but it must be dry at the time of inspection - all excess lubricant must be removed before inspection
- b. No lubrication may be added to the Kub Kar after the Kub Kar has been registered and brought to Pit Row

11) DECALS:

- a. Only the decals provided in the Kub Kar Kit may be used for Kub Kars in the Best Cub Scout Design category

12) IDENTIFICATION:

All entrants must have the following information in ink on the unpainted bottom of the Kub Kar (this is best placed along the axle so it will not be lost when weight is added at the event):

- a. Name
- b. Age
- c. Group and Area
- d. Current Year - 2018

13) The decision of the Official Inspection Committee and rally officials concerning racing are final.

HELPFUL HINTS

- ❖ If a Kub Kar is less than 85 grams it may have difficulty going down the track.
- ❖ There is a plastic spur on the wheels, which is best removed to allow free running.
- ❖ The stamping spur on the axle is best removed but remember the axle itself may not be altered in any other way.
- ❖ Please avoid a design with a point on the nose. The Kub Kar will rest against a starting peg and pointed designs do not start properly. The nose of the Kub Kar should have a minimum 1 cm flat area in order to rest against the starting peg.

** If Kub Kars are overweight, they will have to be lightened. If they are too light, it is the responsibility of the Cub Scout to decide if he/she wants to add weight. This process must be completed before the Kub Kar is brought to Pit Row.

PLEASE NOTE THAT EACH KUB KAR MUST PASS INSPECTION BY THE OFFICIAL INSPECTION COMMITTEE BEFORE IT CAN RACE. THE INSPECTORS HAVE THE RIGHT TO REQUIRE ADJUSTMENTS OR DISQUALIFY ANY KUB KAR WHICH DOES NOT MEET THE ABOVE SPECIFICATIONS.

COMPETITION CATEGORIES AT THE RICHMOND HILL RALLY LEVEL

- 1) DESIGN - There will be 2 sub-categories:
 - a. Best Cub Scout Design - Excellent build and finish quality with NO adult assistance other than making major cuts using hand or power tools (e.g., no adult assistance with design, gluing, finishing). This will require the entrant's "Scouts Honour" that there was minimal adult assistance. **Kub Kar must meet official rules and cannot use items outside of the kit.**
 - b. Most Creative Design - This award is often for a Kub Kar that looks like something other than a car. Cub Scouts are free to use items outside the kit as long as the **VEHICLE/WEIGHT SPECIFICATIONS** (see Sections 4 and 5 above) are met.
- 2) SPEED:
 - a. Speaks for itself, the fastest Kub Kar wins. This category is for a Kub Kar, which has been made by a Cub Scout with an adult assisting only with major cuts using hand or power tools (e.g., no adult assistance with design, gluing, finishing). It is strongly recommended that the Kub Kar be made predominately by the Cub Scout. **Kub Kar must meet official rules and cannot use items outside of the kit to be eligible for this category.**

This event is designed as a fun event for the Cub Scout and Adult, providing an opportunity for the Cub Scout and Adult in their life to work together, learn together and have **FUN!!!**

If you have any questions about the rules or categories, please contact Sheri Rilett at rilett@rogers.com





YHW Area Rally 2018

OFFICIAL SCOUT TRUCK RULES

Any deviation from this for **Special Needs** must first be cleared with the Rally Coordinator with Registration

- 1) Scout Trucks must be constructed completely from the material supplied in the official Scouts Canada 2017-2018 Scout Truck Kit available from the Scout Shop:
 - a. blocks of wood and hardboard panels for trailer
 - b. 18 wheels
 - c. 10 nails (axles)
 - d. 1 trailer pin, dowel for fuel tanks and stacks, and front bumper

Only one Scout Truck may be entered per youth and may not be a previous years' Scout Truck.

- 2) Only the Scout owner or another registered youth can race the Scout Truck.
- 3) Each Scout Truck must pass inspection prior to the race. Once the Scout Truck has been registered and inspected, it cannot be altered in any way.
- 4) VEHICLE SPECIFICATIONS:
 - a. Overall width not to exceed 80mm
 - b. Overall length not to exceed 420mm
 - c. Overall height not to exceed 115mm
 - d. Overall length between the front bumper and the back of the rear wheels mounted on the trailer not to exceed 382mm
 - e. Wheels must be a minimum of 45mm apart in width, and no wider than 80mm in order to clear the track
 - f. Clearance between the Scout Truck bottom and the track must be a minimum of 10mm
 - g. No part of the Scout Truck may overhang or extend beyond the start barrier
 - i. If the Scout Truck is designed so that either end overhangs or extends beyond the start barrier, the Scout Truck will not be registered
- 5) WEIGHT SPECIFICATIONS (the weigh scales at the Rally will be considered as official):
 - a. The Scout Truck cannot weigh more than 800g
 - b. Weight is to be secure and visible in the trailer

6) FINISHES:

- a. Wood fillers may be used to fill scratches and joints
- b. Glue may be used for joining parts and filling scratches and joints
- c. Paints and enamels may be used for finishing
- d. Wood fillers, glue, and paint or enamel may not be used in forming parts of the Scout Truck (e.g., moulding fenders from glue and sawdust is not allowed)
- e. **DO NOT PAINT** the bottom of the Scout Truck - this area is to remain unfinished for identification (see below)

7) ATTACHMENTS:

- a. ONLY scrap material from the blocks of wood supplied in the Scout Truck Kit can be used to make special design parts such as fenders, lights, etc. - no Lego pieces, etc. are allowed on the Scout Truck

8) PROPULSION:

- a. The Scout Truck must be free wheeling
- b. The Scout Truck shall not ride on any springs or use any self-starting device or other propulsion

9) WHEELS:

- a. Only the wheels in this year's Scout Truck Kit may be used – all 18 wheels must be in contact with the track
- b. Axles may be polished and lubricated, however they may not be altered in any other way
- c. Wheel bearings, washers, or bushing are not allowed
- d. The trailer pin is to be used to attach the Cab and the Trailer, and should be left so that the Cab and Trailer can swivel

10) LUBRICATION:

- a. Any lubrication may be used by the builder, but it must be dry at the time of inspection - all excess lubricant must be removed before inspection
- b. No lubrication may be added to the Scout Truck after the Scout Truck has been registered and brought to Pit Row

11) DECALS:

- a. Only the decals provided in the Scout Truck Kit may be used for Scout Trucks in the Best Scout Design category

12) IDENTIFICATION:

All entrants must have the following information in ink on the unpainted bottom of the Scout Truck:

- a. Name
- b. Age
- c. Group and Area
- d. Current Year - 2017

13) The decision of the Official Inspection Committee and rally officials concerning racing are final.

HELPFUL HINTS

- ❖ There is a plastic spur on the wheels, which is best removed to allow free running.
- ❖ The stamping spur on the axle is best removed but remember the axle itself may not be altered in any other way.

** If Scout Trucks are overweight, they will have to be lightened. If they are too light, it is the responsibility of the Scout to decide if he/she wants to add weight. This process must be completed before the Scout Truck is brought to Pit Row.

PLEASE NOTE THAT EACH SCOUT TRUCK MUST PASS INSPECTION BY THE OFFICIAL INSPECTION COMMITTEE BEFORE IT CAN RACE. THE INSPECTORS HAVE THE RIGHT TO REQUIRE ADJUSTMENTS OR DISQUALIFY ANY SCOUT TRUCK WHICH DOES NOT MEET THE ABOVE SPECIFICATIONS.

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