

# 2018 Scout Vehicle Rally

## General Beaver Buggy Rules

- Maximum weight for Beaver Buggy is to be 100 gm.
- The only weights that are allowed are Canadian Beaver nickels. These weights are to be glued to the top of the Beaver Buggy base.
- No lubricating oil may be used. Axles may be lubricated with powdered graphite
- Only one Beaver Buggy may be entered per Beaver and may not be a previous years Beaver Buggy
- The bottom of the Beaver Buggy must not be painted
- Races will be run on the “electronic” track using commercial scheduling software

## General Kub Kar Rules

- Only one entry per Cub
- The Kub Kar must fit into a "profile" box.
  - Overall width, including wheels, shall not exceed 7 cm (2¾ inches)
  - Length shall not exceed **17.8 cm** (7 inches)
  - Weight shall not exceed **142** grams
  - The minimum distance between the wheels is **4.5 cm** (1¾ inches)
  - Clearance between the chassis and the track should be **0.95 cm** (3/8ths of an inch)
- Details may be added as long as they do not exceed the weight or size restrictions above.
- Details must be secured to the Kar, as not to fall off, any items that fall off during a race will remain off.
- The width of the Kub Kar is NOT to be altered at the Axles
- Axles, wheels, and body shall be from the materials provided in the Official Scouts Canada kit
- Wheel bearings, washers, and bushings are not permitted
- No lubricating oil may be used. Axles may be lubricated with powdered graphite
- Previous year models are NOT ALLOWED
- The bottom of the Kub Kar must not be painted
- Races will be run on the “electronic” track using commercial scheduling software

## General Scout Truck Rules

- Trucks must be built from an official 18 wheeler Tractor Trailer kit available from the Scout Shop.
- Truck specifications are:
  - overall length of **44.5** centimeters
  - overall width of **8.5** centimeters
  - overall height of **11.5** centimeters
  - overall mass of the truck cannot exceed **800 grams**
- All parts of the truck must be securely fastened
- Each truck must pass inspection prior to the race
- Only the Scout owner can race the truck
- The size of the wheels cannot be changed
- No lubricating oil may be used. Axles may be lubricated with powdered graphite
- Once the truck has been inspected and registered, it can't be altered in any way
- The scale used at registration and weigh-in shall be used as the "Official Weight"
- Previous year models are ALLOWED but must be re-dressed.

## 2017 Scout Vehicle Rally

- The bottom of the Scout Truck tractor unit must not be painted
- Races will be run on wooden tracks

### General Venturer Vehicle and Rover Boat Rules

- There are none!

### General Rules (excluding Venturer and Rover vehicles)

- All entrants must have the following information in ink on the unpainted bottom of their vehicle
  - Name
  - Group
  - Example: Kelly Doe 3<sup>rd</sup> Kamloops
- The registration number is to be located on the unpainted bottom of the vehicle. This will be added at time of registration
- Each vehicle may be assessed for excess lubricant by the officials at any time. If a Vehicle is judged to have excess lubricant it may not be raced until it is cleaned to the official's satisfaction
- Vehicles may be required to be re-weighed at any time
- Awards
  - Beaver Buggy – First, Second, and Third place ribbon for speed, plus best dressed ribbon
  - Kub Kar – First, Second and third place individual trophy, plus best dressed trophy
  - Kub Kar – The group with the fastest car will receive the group trophy and the honour of hosting the races in 2018
  - Scout Truck – First, Second, and Third place ribbon, plus best dressed ribbon
  - Each contestant will receive a 2017 Scout Rally Crest
- Behavior
  - The spirit of the Scout Law applies
  - Those who exhibit poor sportsmanship will be requested to leave

The official scale and the official judges are always correct