

Cadetarama Pinewood Derby Race

1. Car Specifications

- only Council approved kits may be used as a base for car construction
- only Council approved kit wheels, axles, and washers may be used
- wheels, axles, and washers may not be modified other than to remove burrs and/or manufacturing defects
- only one washer may be used per wheel
- vehicle weight is restricted to a maximum of 250 grams
- any weight added to the vehicle must be an integral part of the vehicle and fastened securely
- lead may not be used as weight
- vehicles must only be gravity propelled
- lubricants may be used as per the Race Rules
- accessories not forming part of the supplied kit may be used in so far as they are securely fastened and may be of wood, plastic, or metal in nature

2. Vehicle dimension limits

- maximum length = 195mm
- maximum width = 70mm
- maximum height = 100mm
- minimum side to side clearance between wheels = 38mm
- maximum side to side clearance between wheels = 50mm
- minimum chassis 'ground clearance' = 10mm
- all dimensions include any accessories and/or enhancements to the vehicle

3. Registration

- each club may register as many cars as set by the Pinewood Derby host club to a maximum of one car per Cadet
- cars entered in previous years may not be registered in subsequent years
- race divisions for Senior Cadetarama will be '9 year olds and under', '10 year olds', '11 year olds', and '12 year olds and over'
- for Junior Cadetarama, there will be only 1 race division for all entrants
- Registrations for Senior Cadetarama Derby will be accepted by club only. Clubs will be required to submit their list of entrants about 1 week prior to the event in the prescribed format (typically provided at an Iroquois Council meeting preceding the Cadetarama)
- Registrations for Junior Cadetarama Derby will be accommodated on the day of the event. Entrants will be required to supply a Cadet name (first and Last), club name, and club number

4. Race Rules

- all cars will be kept in their designated parking space during the event unless staged for heats, racing, or undergoing emergency repairs
- emergency repairs will be allowed between heats in the Pit Area. No delays of racing will be permitted.
- wheels may be lubricated only prior to the start of the event, no lubrication will be permitted during the event, lubrication materials are not permitted in the hosting facility
- cars absent from parking space when required for staging will not be admitted for the subsequent heat and will therefore earn maximum default time for that heat
- each vehicle will race 4 times, once per lane
- winners are declared based on lowest cumulative time from 4 heats, there are no throw out heats
- vehicle weight will only be verified for all vehicles finishing in award positions
- Race event organizers reserve the right to disqualify any vehicle that is believed or found to have detrimental impact to other cars or the track and its related equipment. Race event organizers will make a reasonable attempt to allow a racer to correct issues that would otherwise prevent racing

5. Display Rules

- all vehicles entered for display must meet Car Specifications as per Section 1
- each club may enter as many cars for display as they wish
- cars for display may be entered for race as well, a parking area may be designated for 'Display only' entrants