



# CCIC Cupertino AWANA Grand Prix Event Rules

**RACE DAY**  
**Friday March 31st, 2017**

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## **I. GENERAL RULES: (Applies to all Race Events)**

**G-1. Qualification:** All registered Awana Sparks and T&T clubbers may design, build and enter cars that are eligible to participate in the annual "Awana Grand Prix" event.

**G-2. Essential Materials:** All cars entered shall be constructed from the "Official Awana Grand Prix Car Kit" (referred to below as the kit). Kits will be available during Kick Off Night and through the Awana secretaries on regular club nights.

**G-3. Competition Groups:** There will be two competition groups. One group will consist of clubbers from Sparks and the other group will consist of clubbers from T&T.

**G-4. Competition Events:** There will be two competition events, "Speed" and "Design".

- Speed Event – This will consist of a preliminary and a final round. The top 7 finishers from the preliminary round will race in the final round.
- Design Event – All cars will be evaluated for how well the car resembles what it is meant to be, originality, creativity, and the effort that the clubber made in building the car.

**G-5. Attendance:** Each clubber MUST enter his/her own car on Check-In date. This means that the clubber must be present at Check In date to enter his/her car into competition. If a clubber is ill and unable to attend the Check In, he/she can ask the parents to do so. Once a car is checked in, if a clubber is ill and unable to attend the race on the race day, the car may still be entered into the design and speed competition.

**G-6. "New Work":** Construction of ALL entries MUST have begun AFTER the start of the current Awana year.

**G-7. Single Entry per Person:** Only one car may be registered per clubber participating in the Grand Prix.

**G-8. Pre-Race Inspection and Check In:** Each car must pass a technical inspection before it may compete. There will be the pre-race Check In and all clubbers must check their cars in at that time, instead of waiting until race day. Refer to the list of important dates for when Check In will occur. If the clubber does not enter his/her car on the Check-In date, the car will not be eligible for "Speed" and "Design" competition.

**G-9. Failure to Pass Inspection:** The Inspection Judges shall disqualify cars that do not meet the rules as described herein. If a car does not pass inspection, the owner will be informed of the reason his/her car did not pass. Cars that fail inspection will not be allowed to compete.

**G-10. Car Numbers:** Clubbers will have one assigned number assigned to them. This number will be used during the race for heat and lane assignments. The number used for race scheduling and scoring will be written on a sticker and attached to the underside of the car during Check In.

**G-11. Impound:** No car may be altered in any way after it has been checked in. After a car passes inspection, the Grand Prix Race Committee will store it until race day.

## **II. GRAND PRIX RACE CAR DESIGN STANDARDS**

**T-1. Material:** Race cars shall be constructed for this event from the parts contained in the Official Awana Grand Prix Kit (referred to below as the kit) as sold by Awana Clubs International. Materials from the kit may not be replaced, but "Add-On's" may be used.

**T-2. Weight:** Race cars may weigh no more than five (5.0) ounces (total weight) as determined on the official scale during the inspection and registration periods. The official scale will be available at the workshops, and check in. Refer to the list of important dates for scale availability.

**T-3. Wheels and Axles:** The car shall roll on the wheels from the kit. The wheels shall turn about the axles from the kit. The axles shall be firmly affixed to the wood of the car body, but use of the pre-made 'axle grooves' is not required. It must be obvious to the judges that the wheels and the axles from the kit are being used.

**T-4. Wheel Treatment:** Wheel treatment (hub and tread smoothing and polishing) may not result in substantial removal of mass or in reducing the wheel width from the original kit wheels. Wheel shape may not be altered from the original condition (i.e. rounded, beveled, cupped, etc.).

**T-5. Unacceptable Wheel/Axle Construction:** The following may NOT be used in conjunction with the wheels or axles: hubcaps, washers, inserts, sleeves, bearings.

**T-6. Size:** Race cars may be no longer than 7 inches, nor wider than 2-3/4 (2.75) inches, nor taller than 3 inches in overall height, as determined by the official gages during check in. Underside clearance of at least 3/8 (0.375) inches and inside wheel to wheel clearance of at least 1-3/4 (1.75) inches is required, so that the car will run on the race track.

**T-7. Weights and Attachments:** Weights and attachments may be added to the car and will be considered part of the car for purposes of all measurements. Weights and attachments are considered to be any material on the car that is not provided in the kit. All weights and attachments must be securely fastened to the car, e.g. by permanent glue, nails or screws, but not by "sticky substances", e.g. tape, or tack spray. Weights and attachments shall be passive (i.e. non-moveable, non-magnetic, non-sticky, etc.).

**T-8. Gravity Powered:** The race car may not be constructed or treated in such a way that the track's starting mechanism imparts momentum to the car. (For instance, this provision disqualifies cars with sticky substances on the front of the car and protrusions that may catch on the starting pin.)

**T-9. Lubricants:** Only dry lubricants such as graphite or powdered Teflon "white lube" will be allowed for lubricating the wheels. *Lubricants may not foul the track*, so all excess lubricant shall be wiped off. There will be a "Lubrication Area" set up at the check-in of all lubricants, as these can be quite messy. Once the car passes inspection and is impounded, no further lubrication will be allowed.

### III. CONDUCT OF THE RACES

Track officials are responsible for the proper conduct of the races. Decisions of track officials on questions of rules interpretations and procedure may be appealed to the Race Commissioner.

**C-1. Inspection Gages:** The "Check-In Area" will have the official scale, length box and clearance gauge. Check-in equipment will be the official equipment for the race. (The same 5 oz. Master Weight used for scale calibration at workshops.

**C-2. Check In Day Lubrication:** There will be a "Lubrication Area" setup at the race. Lubrication may be applied before a car passes inspection, but once a car is impounded, no further lubrication will be allowed.

**C-3. Car Handling Responsibility:** Awana leaders are responsible for storing the cars after check in, staging the cars at the starting line, retrieving the cars at the finish line (after the race has been called) and return the cars to the "Staging Area" after their heat is finished. Clubbers can touch the cars only after the race for all the cars have been finished.

**C-4. Lane Assignment:** Lane assignments will be chosen at random, using race management software. To increase fairness, each clubber will race on each of the 4 (four) track lanes during the preliminary round. The finalists will also race on each of the four track lanes during the final round.

**C-5. Car Interference:** If, during a race heat, a car leaves its lane and, in doing so, interferes with another racer, then if applicable, an Awana Pit Crewmember will make reasonable efforts to repair the car and then the heat will be rerun. If the problem occurs again, the car at fault will be placed at the last place of the heat. (However, see C-8.)

**C-6. Car Leaves Lane:** If, during a race heat, a car leaves its lane but proceeds down the track in a manner that does not interfere with its opponents and crosses the finish line, then the race will be called normally. If the car doesn't cross the finish line, then the car at fault will be placed at the last place of the heat. . (However, see C-8.)

**C-7. Car Leaves Track:** If, during a race heat, a car leaves the track without interfering with its opponent. The car at fault will be placed at the last place of the heat. . (However, see C-8.)

**C-8. Track Fault:** If a car leaves its lane, the Official Starter will inspect the track and, if a track fault is found which probably caused the violation, the Official Starter will order the race heat to be rerun after the track is repaired.

**C-9. Car Repair:** If, during the race, a wheel falls off or the car becomes otherwise damaged, then an Awana Pit Crewmember will make reasonable efforts to repair the car with the assistance of the clubber and his/her adult partner or a Pit Crewmember. If a car is damaged due to a track fault, or damage caused by another car or person, then the Race Commissioner, may allow additional repair assistance to the clubber. All car repairs will be conducted in the “Pit Area” and will be limited to 3 (three) minutes or until the car is scheduled to race in its next heat, whichever is greater. If the car can not be repaired, this car will be placed at the last place at the remaining heats.

**C-10. Final Round:** If time permits, the 7 (seven) fastest cars from the preliminary round will advance to the finals. There will be no modifications or re-lubrication of cars allowed prior to the start of the final round. If time is not sufficient to run the Final Round, the results in the first round will be used to determine speed ranking of the race.

**C-11. The Race Area:** Only race officials may enter the “Race Area”. This rule will be strictly enforced.

**C-12. Awards and Recognition:** The most important values in the Awana Grand Prix competition are adult/child participation, good sportsmanship and learning how to follow rules. The Awards Committee is responsible for recognizing and encouraging these qualities in addition to traditional racing awards. Racers will be recognized as follows:

- a.) Every clubber will receive an Awana Grand Prix ribbon to recognize their participation.
- b.) Trophies will be awarded to the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place finishers in each competition group for the Speed and Design events.
- c.) Award Certificates will be awarded to the first 7 place finishers in each competition group for the Speed and Design events.

#### **IV. IMPORTANT DATES TO REMEMBER**

|                   |               |  |
|-------------------|---------------|--|
| <b>1/13(Fri)</b>  | 7:30-8:15PM   | Grand Prix Parent Kick Off /Registration Deadline (Room 111) |
| <b>2/10(Fri)</b>  | 7:30 & 9:30PM | Pick Up Car Kits (Lobby)                                     |
| <b>3/3(Fri)</b>   | 9:30-10:30PM  | Cutting & Carving (Workshop, Fellowship Hall)                |
| <b>3/5(Sun)</b>   | 1:00-2:00PM   | Cutting & Carving (Workshop, Fellowship Hall)                |
| <b>3/10(Fri)</b>  | 9:30-10:30PM  | Sanding & Polishing (Workshop, Fellowship Hall)              |
| <b>3/12(Sun)</b>  | 1:00-2:00PM   | Sanding & Polishing (Workshop, Fellowship Hall)              |
| <b>3/17(Fri)</b>  | 9:30-10:30PM  | Drilling & Add weight (Workshop, Fellowship Hall)            |
| <b>3/19(Sun)</b>  | 1:00-2:00PM   | Drilling & Add weight (Workshop, Fellowship Hall)            |
| <b>3/24(Fri)</b>  | 9:30-10:30PM  | Polishing & Final Touches (Workshop, Fellowship Hall)        |
| <b>3/26(Sun)</b>  | 1:00-2:00PM   | Polishing & Final Touches (Workshop, Fellowship Hall)        |
| <b>3/30(Thur)</b> | 7:30-9:00PM   | Check In & Test Run  |
| <b>3/31(Fri)</b>  | 7:30-10:00PM  | Race Date  |