



Dear Parents,

Our annual AWANA Grand Prix will take place Wed. night, February 23, 2022. This is a great project for parents to work on with their children. Please take a few minutes to read the following information carefully. Each AWANA clubber in Sparks and T&T will receive a derby car kit that contains all the parts required, plus detailed instructions. Please take advantage of the help offered during the Saturday workshops. In addition to cars competing for speed, the design categories are *The Kids' Choice Award*, *Most Creative Award* and *Best of Theme*. **The theme for the AWANA Grand Prix 2022 is Tyrannosaurus Wrecks!**

OFFICIAL SCHEDULE

DATE	TIME	ACTIVITY
Wednesday January 19	6:30pm	Clubbers needing a car kit can either select a design for a volunteer to cutout or take home a car kit for a parent to cutout.
Wednesday February 2	6:30pm	Cars selected to be cutout by a volunteer will be returned to clubbers to take home to finish with parents.
Wednesday February 9	6:15pm – 8:00pm	AWANA GRAND PRIX Concierge Desk open. Car turn-in available.
Sunday February 13	10:00-10:45am	AWANA GRAND PRIX Concierge Desk open. Car turn-in available.
Wednesday February 16	6:15pm – 8:15pm	AWANA GRAND PRIX Concierge Desk open. Car turn-in available.
Sunday February 20	10:00-10:45am	FINAL DEADLINE TO TURN IN CARS AWANA GRAND PRIX Concierge Desk open
Wednesday February 23	Dinner at 6:00pm & Racing Begins at 6:30pm	RACE NIGHT! Bring your whole family to enjoy the races!

NOTE – At the 2022 Concierge Desk, you can use our special tools to add wheels and we can help with final tweaks to adding weights too. There will be NO decorating of cars at the Concierge Desk (that needs to happen at home!). If you need additional help, please email awana@faithliveitout.org and we will do our best to provide additional assistance.

DERBY RULES

The official rules included inside the Grand Prix car kit apply to this race. In addition, please note the following:

- The car must be made from the kit provided during the current AWANA year or last year's cancelled race.
- The car may not be raced prior to the AWANA race.
- Each car will be weighed and checked for conformity with the specifications (below) at the time the car is turned in. Cars not meeting the specifications cannot be accepted.
- Cars must be turned in no later than 10:45am, Sunday, February 20th. Once your car has been turned in, you will not have the opportunity to modify it again until racing is finished.
- During the race, any modifications made by GRAND PRIX staff will only be to the extent necessary to allow the car to race.

CAR SPECIFICATIONS

- Max Width: 2 ¾", Max Length: 7", Max Height: 5 ¾", Minimum width between wheels: 1 ¾"
- The total weight may not exceed 5 ounces as measured by the official AWANA GRAND PRIX scale.
- The wheel base may not be modified from the provided standard wheel axle slots (no new holes).
- The wheels may not be modified, cut, drilled, beveled or rounded. Light sanding is acceptable.
- All four wheels must be attached in the provided axle slots using the included hardware
- No wheel bearings, washers, or bushings are permitted.
- You may add decorative Items to the car so long as the car remains within the specifications.
- Any weights attached beneath the car (including any glue or fasteners) must not protrude more than 1/8" from the bottom of the wood block and should be between the axles.
- Use of wet lubricants is prohibited.

AWANA GRAND PRIX CONCIERGE DESK

Our AWANA GRAND PRIX Concierge Desk will be open during the Wednesday evening AWANA activities on Mar. 10th and Mar. 17th as well as Sunday, Mar. 21st. AWANA GRAND PRIX staff will be available to answer questions about all aspects of the race including car construction and design. The official AWANA GRAND PRIX scale will be available so you can check the weight of your car. Please see note above about this year's "deluxe" version.

TIPS AND BEST PRACTICES

- Your car should weigh close to the maximum weight (5 oz.). However, please note that difference between 4.9 oz and 5.0 oz. makes minimal difference in the car's performance.
- Insufficient clearance beneath the car will cause it to drag on the track due to the raised rail and curvature.
- Make it clear which end of your car is the front, or the race officials may inadvertently run it backwards.
- Test the alignment of your car by pushing it across a smooth surface. It should roll in a straight line.
- Be creative! Personalize the design of your car based on a favorite hobby, animal, character, etc.
- Don't get too caught up in winning. Use this as an opportunity to work on something together with your child.

OTHER RESOURCES

- How to Build a Fast Grand Prix Car: <http://tinyurl.com/pinewood1>
- The Science Behind Making the Fastest Possible Grand Prix Car (16-minute video): <http://tinyurl.com/pinewood-video>
- Grand Prix Car Building and Speed Tips: <http://tinyurl.com/pinewood3>