

TRANSPORTATION MODELING

THIS IS AN INDIVIDUAL EVENT AND SHOULD BE ENTERED IN THE INDIVIDUAL'S NAME (ex. Bobby Smith).

Enter online at www.GeorgiaNationalFair.com
(<http://www.georgianationalfair.com/youth-educational-exhibits/>) by September 13, 2017.

DIVISION 40401 Transportation Modeling

CLASS

01 Transportation Modeling - The History of Stock Car Racing

OBJECTIVE: Using only certain materials and following required specifications, participants research, design and produce a scale model of a vehicle that fits the annual design problem and that takes appearance and realism into consideration. The design category is The History of Stock Car Racing.

Entries are limited to three individuals per chapter and one entry per individual.

PROCEDURES: Entries must be started and completed during the current school year. Students should submit their display during check-in at CORE on September 15, 2017. Tech Day entrants who cannot attend CORE may ship their entry to Steve Price, GA TSA c/o Kaplan Mitchell Retreat and Conference Center, 70 Darom Lane Clayton, GA 30525 to arrive between September 13th and 14th, 2017, or have the entry brought to CORE by another Chapter. GA TSA is not responsible for entries lost in shipping. No entries for will be accepted at Tech Day.

A copy of the online registration confirmation will be required to check-in for competition.

CONTEST RULES:

1. **All exhibitors are required to read and abide by the Georgia National Fair General Rules and Regulations.**

PLEASE NOTE: IT IS YOUR RESPONSIBILITY TO READ AND UNDERSTAND THE RULES. If you have questions, you may certainly e-mail us at sprice@gatsa.org or contests@gnfa.com. Please help us prevent entry disqualifications.

2. The device must pass a GO-NO-GO inspection including a safety inspection to insure no harm or damage will occur. Any unsafe devices WILL NOT BE TESTED and be counted as a disqualification.

- Vehicle scale model is present.
- The entry reflects the current year design theme.
- The model is inside the display and the entire display is no more than 24"x24"x24".
- Glass or liquids are not involved in the entry.

3. Chapter entries must include a scale model and a notebook.

4. Model, display and notebook must meet the following specifications:

Model:

- The scale model must accurately reflect the annual design problem (see above).
- The model main body itself must be made from scratch by the member entering the event.
- **Using pre-manufactured model vehicle body parts is prohibited. (Including Hoods, Fenders, wings, propellers, frames, etc.)**
- *It is permissible to use pre-manufactured parts such as body strengtheners, plastic canopy, exhausts, mirrors, head and tail lights, windshields and antennae. They may be attached to or enclosed within the vehicle and may be constructed from materials other than wood, excluding glass or liquids. These parts must be fastened securely.
- *It is permissible to use 3D Printers in the production of the parts of this model.
- The finished vehicle size must fit inside the display space of 24"x24"x24".
- The designer must choose a scale for the vehicle so that it meets the size requirement and the scale must be specified in the notebook.

Wheels:

- Dimensions should be consistent with the scale of the body.
- Wheels must roll.

Display:

- The model should be presented for evaluation on a display not to exceed 24" tall x 24" deep x 24" long (including the model). No electrical access will be provided for displays. Use of Dry Cell batteries is permissible but must be contained within the stated display space.

TRANSPORTATION MODELING (continued)

EVALUATION:

Entries are evaluated by a combination of points earned from the model, and display.

Paint/Finish/Overall

Aesthetics.....	(40 pts)
Graphics.....	(10 pts)
Attention to Detail in Construction.....	(20 pts)
Accompanying Display	(30 pts)