

Middle School Competition Updates



When a decision is made by a member to compete in an event, it is imperative that the member thoroughly read and understand the rules, regulations, procedures, and evaluation criteria for the chosen event(s). National TSA is responsible for addressing mistakes or discrepancies in the competitive event guides and accomplishes this through competition updates on the TSA website. National TSA is not responsible for interpreting, advising, or suggesting ways that a member might develop a viable response or solution to a competitive event challenge.

CAREER PREP

12/6/24

Headshots are not permitted on the job-specific resumes submitted by students.

FLIGHT

9/27/23

Page 172

Stabilizer – MAX 150mm or 5 7/8"

Fin – MAX 76mm or 3"

1/3/24

PRECONFERENCE

A. Documentation Portfolio

- f. A detailed illustration demonstrating compliance with the rules and features, including design principles used in building and adjusting gliders, must be included on 11" x 17" paper (may be folded to fit in the sheet protector)

4/23/24

Semifinal Flight Times section of the rubric shows two columns for 5th place. "6th" place should be the heading in the column between 5th and 7th place.

INVENTIONS AND INNOVATIONS

9/5/23

PRELIMINARY ROUND

- B. Entries are evaluated by the judges with neither students nor advisors present based on the following criteria:
1. Judges score the static display criteria to determine the top twenty-four (24) preliminary contestants, which will not be posted.
 2. Judges score the model/prototype criteria of those top twenty-four (24) contestants to determine the top twelve (12) semifinalists.

10/10/24

Only the information provided on the display board will be judged during the preliminary round.

JUNIOR SOLAR SPRINT

2/20/24

PRECONFERENCE

D. Solar Paneling

13. Each vehicle must include a mounted battery holder that is capable of holding two AA batteries. This system needs a switch and button as illustrated. This is to be used at the starting line as follows.
 - a. on the "READY" command the button is depressed and held, this opens the circuit.
 - b. on the "SET" command the switch is flipped, to connect the batteries to the motor.
 - c. on the "GO" command the button is released, thereby closing the circuit, sending power to the motor, causing the vehicle to move.

2/24/25

PROCEDURE

PRECONFERENCE

D. 2. A decorated box

LEADERSHIP STRATEGIES

9/27/23

Teams will supply their own pens/pencils for the preparation room.

Middle School Competition Updates

(continued)



MASS PRODUCTION

11/13/23

A. Documentation Portfolio:

- 1.k. Photographic Verification – photographic or digital images that verify the mass production of three (3) identical copies of the product including the prototype and photographic or digital images that document the team project with a photo timeline; maximum five (5) pages.

MEDICAL TECHNOLOGY

9/5/23

PRELIMINARY ROUND

- B. Entries are evaluated by the judges with neither students nor advisors present based on the following criteria:
1. Judges score the static display criteria to determine the top twenty-four (24) preliminary contestants, which will not be posted.
 2. Judges score the model/prototype criteria of those top twenty-four (24) contestants to determine the top twelve (12) semifinalists.

PREPARED SPEECH

11/5/24

2025 National Conference Theme: Tune In To Technology

Use of the themes “Tune Into Technology” and “Tune In To Technology” are acceptable.

STRUCTURAL ENGINEERING

9/5/24

2024-2025 Design Brief

The two column towers will be placed on the bases 8" apart instead of 6" apart to accommodate the center plate on testers.

The test block can be a minimum of 12" instead of 10"

VLOGGING

11/29/23

EVALUATION

Tier 2

SEMIFINAL ROUND

A. The On-site Challenge

1/23/24

PRECONFERENCE

- B.8. Team's self-evaluation of the video series, using the criteria for TIER-1 VLOG SERIES on page 326 (can be in paragraph format or a copy of the rubric portion with data from the team); one (1) page.