

Tech Wars 2022 – Niagara County Community College

Competition Category: On-Site STEM Challenge

Level of Competition: Middle and High School (One entry per school district)

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Description of the Competition:

Are you good at problem solving? Can you develop a solution to a design challenge in a short amount of time? Then this event is for you! This is an on-site problem solving competition for students to design, build, and test at Tech Wars. This year's design challenge will be an integrative STEM challenge. This means that it will overlap each of the four disciplines and students will be expected to apply their knowledge/abilities in all four areas.

Rules of Competition:

1. **One (1) team of students per school district** – Middle and/or High School team.
2. A maximum of **three (3) students per team per district**.
 - a. If there are three members on a team, there needs to be a combination of middle and high school students (ex. 2 HS students and 1 MS student).
 - b. If a team has only middle or high school students, they will be restricted to only having **two (2)** members compete.
3. All criteria of construction must be met to continue on to the testing round.
4. All entries must be built in the time specified.
5. Tiebreakers will be determined by the judges based on predetermined criteria.
6. Complete rules will be given at the competition site the morning of Tech Wars.

Supplies:

- Each team will be given the materials and supplies for the competition.
- Teams are not allowed to use any materials or supplies that they have brought with them to the competition (with the exception of a writing utensil).

