

Rules for Bottle Rocket Contest

- Materials:** Maximum of three 2 liter Coca-Cola bottle, super glue, construction paper, tape, string, plastic bag.
- Additional Materials:** A funnel can be added to the top as long as it is glued or taped on the two liter. (a homemade funnel can be used as well) Weight can be added in the funnel as long as it is secured with tape or glue.
- Teams:** There may be individual entries or, teams consisting of 3 to 4 members.
- Restrictions:** NO HOT GLUE, NO HOLES IN BOTTLE.
- Fins:** All of the fins should be able fit on a 8 ½" x 11" sheet of paper. That is all of the fin area that is allowed. No more than 6 fins. Fins may not be constructed from any type metal or wood. (Plastic, foam board, construction paper, and cardboard are all examples of acceptable fin construction materials.)
- Competition:** On E-day, participants will submit their bottle rocket that morning by **11:00 a.m.** The actual competition will begin at **11:15 p.m. that afternoon.** Any rocket that does not pass inspection will be disqualified.
- Prizes:** There will be 1st, 2nd, and 3rd place prizes for both categories. (Team entries and individual entries). There will be on overall award for the most unique and creative rocket design.
- Judging:** Judging will be based upon flight time and height. Flight time will be defined as the amount of time it takes for the rocket to start from its launch pad, until the rocket reaches the ground..
- Points System:**
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| 25 points | Flight time |
| 15 points | Appearance |
| 5 points | Adherence to Rules |
| 5 points | Working Parachute |
- Grade levels:** Students at any grade level may participate.

IF YOU HAVE ANY FURTHER QUESTIONS FEEL FREE TO EMAIL THE INSPECTION JUDGE zwhaga0@engr.uky.edu