



FunFest 2026 Egg Drop Competition Rules Middle School and High School



Objective: Students will use only materials given to them to construct a vehicle, which will protect a raw egg when dropped from different heights onto a concrete surface.

Entries and Judging

Participants: 5 teams per school, with 2 members per team. Team members must be present for building and testing at FunFest.

Submission: No prior submission is required. Students must sign up for this event with MCS by the deadline. All construction will occur at FunFest.

SCC Judges: **Paul Steel**, Professor/Coordinator, Computer Engineering Technology, Coordinator, Hardware and Software Support, and Coordinator, Medical Equipment Support, and **Rick Hooker**, Professor/Coordinator, Networking and Security

Judging Location: Build at 9:30 am in Little Hall Rooms 214 and 222, the drop will take place outside in designated location. See FunFest Map.

Notes: None.

Determining the winner: The winner will be determined based on the greatest height drop without egg breakage.

Competition Rules

Students will use only the materials given to them at FunFest to construct a vehicle, which will protect a raw egg when dropped from different heights onto a solid surface.

Materials List

Materials will be provided at the event. Materials may change from year to year. Materials may include the following:

- 2 sheets of 8 ½ inch x 11 inch paper
- 2 feet of kite string
- 1 foot of masking tape
- 5 small drinking straws

1. Tape is a connecting device. Tape is used to connect materials together, a hinge, or a latch. Tape cannot be used to reinforce the strength of the egg. Tape cannot be wrapped around the egg.
2. All vehicles must be built on site using only materials and tools provided by the administrator of the contest.
3. Tools provided are 12 inch ruler, scissors, and pencil.
4. The egg will be inspected after each drop. ***The egg must be visible for inspection between drops.*** When the egg is broken or cracked (major burst or hairline crack) the last level the egg successfully completed will be recorded for competition.
5. If egg slips out of vehicle and breaks, the last level the egg successfully completed will be recorded for competition.
6. The time allotted for completion of the task is twenty minutes.
7. In case of a tie, oral questions will decide the tie breaker.
8. Students must stay on site during build and drop. Students must be present at the drop until their egg breaks.
9. Students must be on time to participate in build. Late arrivals do not get extra time on build.
10. Be Creative!