

## Egg Drop Judges: Day of Olympiad Instructions

Instructions for JUDGE \_\_\_\_\_

Report to LADDER # \_\_\_\_\_

1. Upon arrival, judges will check in at the officials' desk located inside the gymnasium. Judges receive their ladder station assignment.
2. Judges find their assigned ladder station and familiarize themselves with the egg drop ladder, platform, and plumb line set up.
3. After student teams build their egg-drop landing device, they will wait at their assigned tables and wait to be called.
4. Teams will be called and instructed to report to a 4' ladder station with their device and the floor template used to line up and aim each egg drop.
5. Judges at the 4'-5' drop stations show students how to aim their drops by using the floor template and plumb lines attached to the ladder.
6. As each team approaches the ladder, the judge gives the team a numbered egg (eggs will be numbered in advance). The judge asks the team for the team's score sheet. The judge records the egg # on the team's score sheet. (This score sheet will accompany the team throughout the event and will need to be turned in to the officials' table when the team is done competing).
7. The team decides who will drop the egg at this station. IMPORTANT: The student who ascends the ladder must be spotted by the judge at all times!
8. The judge may assist the student team in setting up the alignment of the plumb line with the floor template and the team's constructed egg catching device.
9. **The student who will drop the egg waits at the foot of the ladder for his/her teammates to check the alignment and aim.**
10. The student dropping the egg ascends the ladder and is spotted for the 4' drop. The teammate(s) on the floor may check the alignment and aim one more time. Then the student on the ladder drops the egg through the aiming platform attached to the ladder.
11. The judge checks the egg immediately after it is dropped. The judge looks for evidence of cracks or dents. The drop is successful if the egg shows no evidence of cracking or denting.
12. The judge places a ✓ in the "successful" box on the team's score sheet if the drop is successful. The judge writes his/her initials in the last column after each drop outcome.
13. The judge gives the score sheet and egg back to the team. The team repeats this process at the same station for the 5' drop.
14. Note that students may not rebuild their egg catchers between drops. However, they may "fluff up" or straighten the paper and repress the original tape that may have become detached.
15. If successful at both 4' and 5', the team may advance to the 6' drop ladder station.
16. At each subsequent drop location, the judge verifies that a team's egg matches the egg # written on the score sheet.
17. The judge places a ✓ in the "unsuccessful" box if a drop is not successful. The competition is over for that team. The judge writes his/her initials in the last column to verify the outcome. The judge gives the score sheet back to the team and instructs the team to report to the official scorer's table to have the team's final result recorded.
18. **To avoid congestion on the gym floor, only one team can wait "on deck" at a ladder station while another team is competing. Otherwise, teams find a seat on the first two bleachers and wait for the next available station.**
19. **Once a ladder station is cleared of participants, judges may continue to assist at other stations or may assist with moving teams to and from bleachers or to the officials' table, as needed.**
20. Judges at ladder stations set up for 6' drops and above use taller (8'-12') ladders. Students are not allowed to climb these ladders at any time. Only a judge is allowed to drop the egg at this point. The students' focus now is to line up and aim the drop as carefully as possible using the floor template and plumb line. Judges work in tandem if possible (one judge drops the egg while being spotted from below by the second judge who also checks the outcome by examining the egg).
21. Egg drops continue in the same manner, with successful drops allowing teams to move on and unsuccessful drops ending the competition for the team.
22. Drops at 8' and 9' are made on 10' ladders. A single 12' ladder will accommodate drops at 10' and higher. Judges who are not comfortable climbing these taller ladders may defer to the event coordinator or other designee to drop the egg.
21. In the case of a tie, if time allows, the event may go into a "sudden death" round. The decision to allow a sudden death drop rests with the Event Coordinator or the Science Olympiad Chair.
22. Once all score sheets have been submitted to the scorer's table, the event coordinator will determine first, second, and third place finishers. Results will be announced right away. Results may end in a tie, in which case all teams in a tie will receive medals.

### Egg Drop Officials: (2016-2107)

**Vicki Berge and Mary Szyjka**, Egg Drop Event Coordinator; Claire Kowalczyk, Franklin School Principal; Dr. Tony Clishem, Science Olympiad Chair; Mrs. Lynn Barabasz, Science Olympiad Assistant