



Pentathlon



Teams of students in grades 9 through 12 compete to complete math, science, and engineering activities in five rounds of competition

Contest Support provided by the University of Texas School of Education and Psychology

Contest Rules

Revised July 2021

Teams

All high schools are invited to participate. Each school may send **up to two teams of four students**. The teams must consist of **no more than two students from grades 11 and 12 and should be a mix of both boys and girls**. Schools may choose to identify alternate students for their purposes, but **only four students** should be registered with Academic Rodeo. Substitutions are allowed the day of the contest.

Each student must present a signed parental consent form (Release and Indemnification Form) available on the *Pentathlon* page.

Panel of Judges:

An independent panel of judges will serve to resolve all issues that might arise pertaining to rules or solutions in the competition.

Protest Provisions:

The decision of the independent panel of judges will be the final word on problems that are protested. If the panel of judges cannot reach a consensus on a particular problem, that problem will be eliminated, and another problem presented.

1. A protest for any reason must be lodged before the winning team is announced in the competition.
2. Only the team sponsor may lodge a protest.
3. The moderator will clarify this protest provision at the beginning of the competition.

The judges will retain the right to disqualify any team when parent(s) or representatives other than the team sponsor/teacher interfere with the flow of competition.

In Case of a Tie: In case of a tie in the final round of competition, the team scores from the qualifying written test will be used to determine a winner.

CONTEST FORMAT

Check-in:

1. Teams arrive for check-in at the designated time in the Contest Schedule.
2. Coaches will check team lists for correct student placement and correct spelling of the students' names. **This is important!** These lists are used for printing certificates.
3. Tables with signs designate the location for each team during the Testing Rounds and the Quiz Bowl Round
4. Breaks will be provided as needed during the day.
5. Pencils are provided for the written test rounds.
6. All materials are provided for the Engineering Build.

The contest will consist of five rounds. The rounds will be a mix of topics and methods of competition. Each round will be timed and scored according the rules for the specific round. Rules for the rounds follow.

Rounds 1 & 2 – Written Tests – approximately 60 minutes

Each team member will select two different tests from Biology, Chemistry, Physics, and Mathematics. All four tests must be taken by two different team members.

Round 3 – Team Quiz Bowl – approximately 30 to 45 minutes

Scoring based on whether answer is correct and extra points based on order of answering question

Round 4 – Engineering Project Build – 2 hours inclusive of lunch time

Round 5 – Engineering Task Completion – Timed Activities

Timed items affect score. Overall time affects score. Course options offer increased scoring potential.

Awards

1st, 2nd, and 3rd Place teams will be awarded. The team will receive a trophy and each team member will receive a Place Ribbon and will be eligible to apply for Academic Rodeo High School Scholarships.

1st, 2nd, and 3rd places will be awarded to high scoring individuals in each written test and they will also be eligible to apply for scholarships.

Members of teams which do not place will receive Participation Certificates.