



COLORADO

Dear 2024 Technical Teams,

We can't wait to see your pin-nomenal pinball machines and antagonizing antagonists.

As far as logistics go this year the technical challenge (elementary, middle, and senior levels) will be held in **the Main Gym** which has wood floors and a standard doorway for teams to enter through. There will be space in the hallways for teams to get organized before their performances. **We ask that you do not bring your props into the hallway until 90 minutes before your presentation time.**

We will be doing pre-Prep as well as day of Prep for State this year. Please make sure to **have all your paperwork submitted by the paperwork submission deadline** so that the Prep appraisers and ACM's can look it over prior to tournament day.

We would like to draw your attention to the three published clarifications for this challenge which read as follows:

1. In the Challenge, Section I.A.4 should read: "For this Challenge, a Pinball is a tournament-provided size 3 soccer ball with a circumference of 22.5in-24in (57.2cm-61cm) and a weight of 10.5oz-12oz (300g-340g). If your team wishes to know the specifics of the soccer ball, your team may check with the Tournament Director."
2. In the Challenge, Section I.A.6 should state: "During the Presentation, place all three Machine Modules and any other components of the Pinball System completely within the taped lines of the tournament-provided 8ft x 16ft (2.44m x 4.88m) Pinball Playfield. (See Figure A.) This means that all components of the Pinball System must be within the vertical planes created by the outside edge of the taped lines marking the Pinball Playfield while interacting with the Pinball during each Pinball Round. Extension cords used only to power any part(s) of the Pinball System may extend beyond the boundaries of the Pinball Playfield. However, the Pinball must not be directed by an extension cord that extends beyond the boundaries of the Pinball Playfield."
3. In the Challenge, Section I.C.10 should state: "The Pinball crosses the taped line to exit the Pinball Playfield or touches anything that is not fully within the boundaries of the Pinball Playfield. Extension cords used only to power any part(s) of the Pinball System are the only exception to this rule. (See the Published Clarification for Section I.A.6.)"

Additionally, we would like to reiterate how Pinball rounds will be timed at state. Timing will start as soon as the ball crosses the bounds of the Pinball Playfield and end as soon as any of the conditions dictated in I.C.10 through I.C.13 of the challenge are met. In light of the clarifications above, we decided to time teams differently than this at regional tournaments in



order to give them a more accurate picture of how well their solutions worked. However in order to ensure that the Colorado State tournament is consistent with what teams will see at Global Finals, we will be adhering rigidly to the timing parameters dictated in the challenge.

Please don't hesitate to reach out to any of us if you have any questions! We're excited to see you at tournament

Best,  
Your Colorado Technical ACM Team  
Justin, Amber, and Trystan