

# Concrete Cornhole

## Section 1: Objective

- 1.1 Each school will design and fabricate a cornhole board to be used in a double elimination bracket tournament. Judging will be based on aesthetics, functionality, fulfillment of the design criteria, and placement in the tournament.

## Section 2: Participant Rules

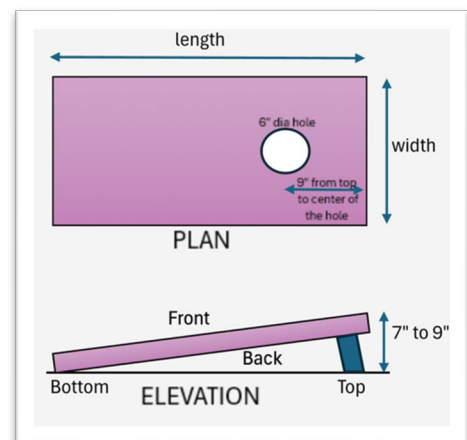
- 2.1 A team must consist of between two (2) and four (4) students from a university in good standing with their respective ASCE Section and ASCE Global. All team members must be registered attendees of the symposium for all days on which the Concrete Cornhole competition will take place.
- 2.2 Each team must have one (1) Team Captain.
- 2.3 At the time of the competition, only 2 members may compete at a time.
- 2.4 Once players start a round, they must remain in that round for the rest of the duration. However, players may switch out between rounds.

## Section 3: Team Limits

- 3.1 Each university may have one (1) team.

## Section 4: Dimension Specifications

- 4.1 The board must fit the following specifications:
  - 48" length (4')
  - 24" width (2')
  - 2" thickness
  - 6" diameter hole with the center located 9" from the top and 12" from either side
  - All dimensions will have a tolerance of  $\pm 0.25$ "
  - Any reinforcement is allowed inside the corn hole board.
  - The board must be able to position the top of the backside of the board between 7"-9" with a prop (made of any material of size 2"x4") while keeping the other end of the board on the ground. The prop cannot extend the width of the board. (See figure to identify *top* and *bottom* of the board).
- 4.2 Failure to meet specifications will result in disqualification.



## Section 5: Mix Design

- 5.1 Cementitious Material - Any cementitious material is allowed.
- 5.2 Aggregates - Aggregates must be retained on a #200 sieve and at least 75% of aggregate by mass must pass a 1/2 inch sieve.
- 5.3 Admixtures – Any admixture is allowed

## Section 6: Board Design

- 6.1 Weight - The team with the lowest weight will win points as will the second to lowest weight (see section on “scoring rubrics”).

## Section 7: Aesthetic Design

- 7.1 There are no constraints on aesthetic design. All finish materials are permissible. Cleanliness of the board and team’s design will be judged (see section on “scoring rubrics”).
- 7.2 The front side of the cornhole board must have flat smooth finish (see figure in section 4 to identify *front* of the board).

## Section 8: Performance

- 8.1 If a team’s cornhole board fails structurally or is otherwise unable to function as a working cornhole board during the tournament, the team will lose their current game and will not advance. A functioning board will be defined as a board that is not warped or cracked beyond the ability to play.

## Section 9: Tournament Procedures

- 9.1 The day before the competition, teams will be randomly seeded and a double elimination bracket will be released. The rules/procedures are as follows:
- 9.2 Set-Up:
  - The end of the cornhole board will be placed 27 ft away from the throwing mark
  - Both players will stand opposite the board at the throwing mark
- 9.3 Scoring Procedure:
  - Each game will be played to 21 points
  - If a team ends a turn with more than 21 points, they will “bust” and will start the next turn with 15 points
  - If both teams reach exactly 21 in the same turn, both teams will return to their scores from the previous turn and continue until only one team reaches 21
  - A turn will consist of one player from each team throwing all 4 bags (one at a time, and switching off between opposing players) at their respective board.
- 9.4 Scoring:
  - Bags that land on the board and stay on the board are 1 point
  - Bags that fall through the hole are 3 points

- Bags that bounce from the ground and onto the board do not count for points. Same for bags that bounce off the board and onto the ground
- Bags that are pushed off of the board by another bag do not count for points
- Points will be added to each team's total scores at the end of each turn

9.5 Tournament Point Allocations:

- For first, second and third placement, a tournament placing scoring is awarded as per scoring rubrics. (see section on "scoring rubrics").
- All other participating teams will be awarded 1 point
- Any team that is disqualified will receive no points
- All ties will be broken by awarding the higher place to the team which placed better in the tournament

## Section 10: Deliverables

- 10.1 A cornhole board as per requirements (see section on "dimension specifications")
- 10.2 The mix design table format is left up to each individual school if it adheres to the mix requirements outlined in mix design section. A mix table must be filled out and submitted no later than 5 pm CST the Monday prior to Competition to the following email [Region6Judge@gmail.com](mailto:Region6Judge@gmail.com) . Mix designs received after the deadline will receive an automatic 5-point deduction on the team's board mix design score. (see section on "scoring rubrics").
- 10.3 Teams are responsible for providing their own cornhole bags, board supports, measuring tape, and any other equipment needed to set up the board and throwing marks. These items will not be provided.

## Section 11: Behavior

- 11.1 Ethics, professionalism, civility, and respect are the cornerstone of every successful competition, and ASCE expects professional conduct from all participants. ASCE enforces high standards to preserve the quality of this competition and improve the quality of future competitions.
- 11.2 The judges may take disciplinary action, including warnings, point deductions, or disqualification of a team or entry for inappropriate use of materials, language, alcohol, uncooperativeness, general unprofessional or unethical behavior, dangerous or reckless behavior, threatening and/or abusive behavior toward an event official or other participant, of team members or persons associated with a team.
- 11.3 Team Captains will be responsible for policing the behavior of their team members.
- 11.4 Cheating will not be tolerated. Any team caught cheating will be disqualified from the competition.

## Section 12: Scoring Rubrics

Concrete Cornhole Criteria	Score
Concrete Pour	/5
Aesthetic Design Score	/5
Board Dimensions (board meets all dimensional requirements)	/5
Board Mix Design (board meets all mix design requirements)	/5
Performance (board remains intact for the duration of the tournament)	/5
Weight Scoring	/10
Tournament Placing Score	/15
<b>Sub-Total</b>	<b>/50</b>

### Concrete Pour and Aesthetics Design Scoring

	1-2 points	3-4 points	5 points
<b>Concrete Pouring</b>	Concrete is lumpy and cracked	Concrete is moderately uniform	Concrete is smooth
<b>Design</b>	Little to no design	Moderate design	High quality design

### Weight Scoring

- Lightest board - 10 points
- Second lightest board - 5 points

### Tournament Placing Scoring

- First place in the tournament - 15 points
- Second place in the tournament - 10 points
- Third place in the tournament - 5 points