

Event: Bridge-Treat

Description

Bridge-Treat is a competition where Participants have to make a bridge using popsicle sticks (Candy Stick). It is an opportunity for the students to showcase their design and development skills.

General Rules

1. Dimensions of the Bridge:
 - Minimum Clear Span of Bridge = 55cm
 - Minimum Height of Span = 10cm
2. Structure Specification:
 - No grooves allowed.
 - Usage of Glue Gun is Allowed.
 - Only SH Grade Adhesive can be used as Glue.
 - Strings cannot be used to tie popsicle sticks
 - No type of coatings or paint are allowed.
 - The Popsicle sticks can be cut or trimmed to any shape or size.
3. Number of Participants: Maximum 4 & Minimum 2 participants per team.
4. No objection shall be entertained as the Decision of the Judges shall be final.
5. Use of any other adhesive is prohibited and participants using it will be disqualified from the event.

Judging Criteria:

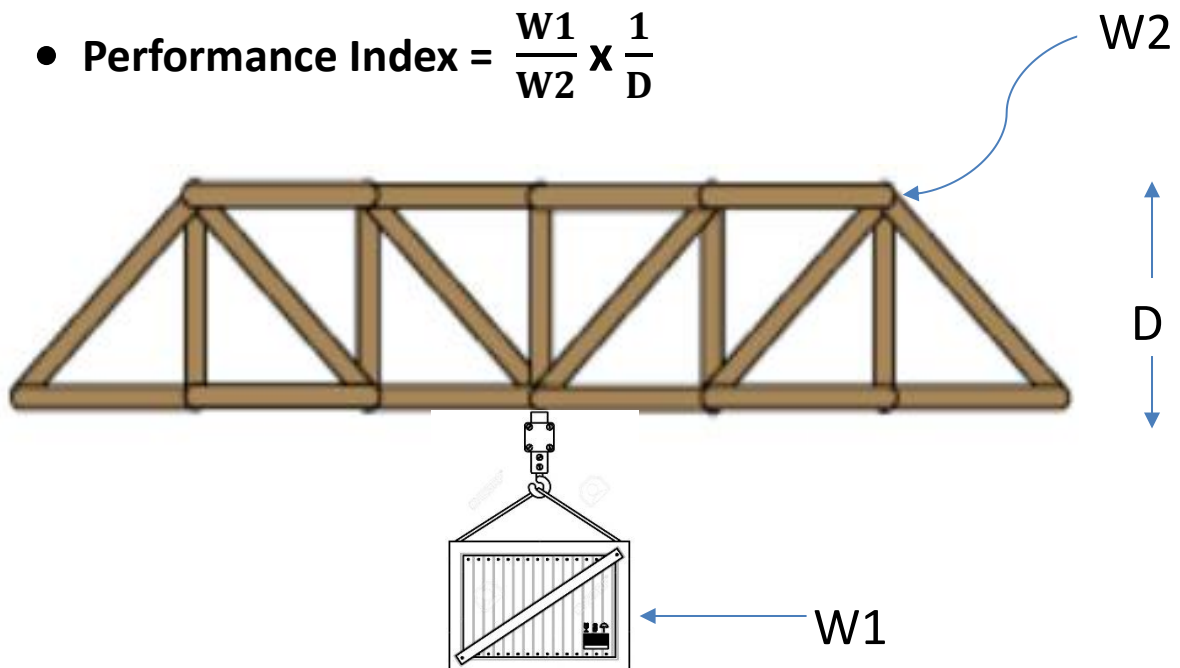
- **Round 1:**
 - All the models must be taken for the dimension checking during the specified period (any entry after that will not be accepted and would be disqualified).
 - Once coordinator verify the model teams are not allowed to do any change in model.
 - No changes in the model after the dimension checking would be allowed and any team doing so would be disqualified.

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➤ Round 2:

- This round will be final round. The loads will be added at the center of the bridge.
- Best model with Highest Performance Index will be the winner.

- **Performance Index = $\frac{W1}{W2} \times \frac{1}{D}$**



W1 = Load that can carry

W2 = self-weight of bridge

D = Depth of Bridge Span

Student Coordinator

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