

1. Popsicle Stick Bridge

(Each Team contain 6 members, 10 teams per section)

Date & Time: 22.08.23 & 10.00 am-4.00pm **Section:** B9-B12 **Venue:** Polytechnic Block

Materials Needed:

1. Popsicle sticks (will be provided by the Department)
2. Wood glue (will be provided by the Department)

Rules & Evaluation Guidelines:

1. Each team will work with approximately 50 Popsicle sticks
2. The finished bridge shall be built from a maximum of 50 wooden Popsicle sticks using glue.
3. We recommend that the bridge must be at least 4 stick long (45 cm), minimum 1 stick height and 1 stick width.
4. Duration 2 hrs.
5. A load (1 or 2 or more Bricks) is applied at the top of the bridge, near the center.
6. Longest bridge with more stability will be considered as winner



Procedure:

- ✓ Step 1: Design Your Bridge using Popsicle sticks
- ✓ Step 2: Construction (**Refer video link**)
- ✓ Step 3: Start Small
- ✓ Step 4: Get Bigger
- ✓ Step 5: Add MORE sticks for Support
- ✓ Step 6: Finish It Off

Video Link: https://youtu.be/s3HZievz_3Y