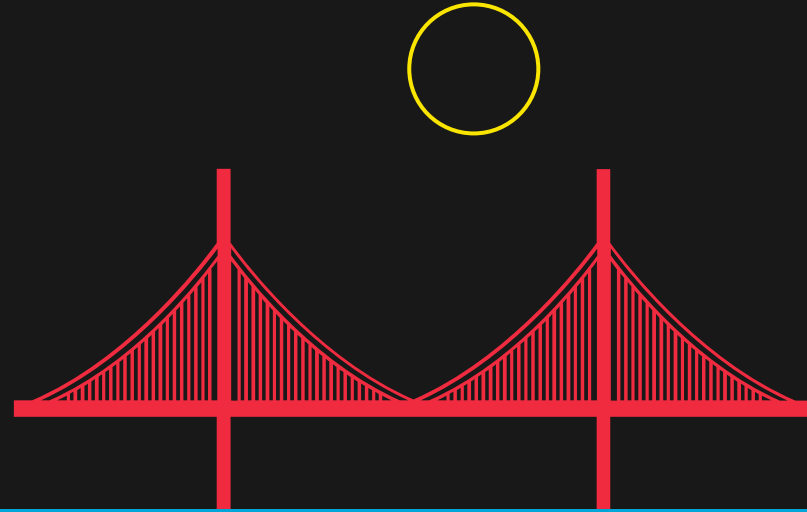
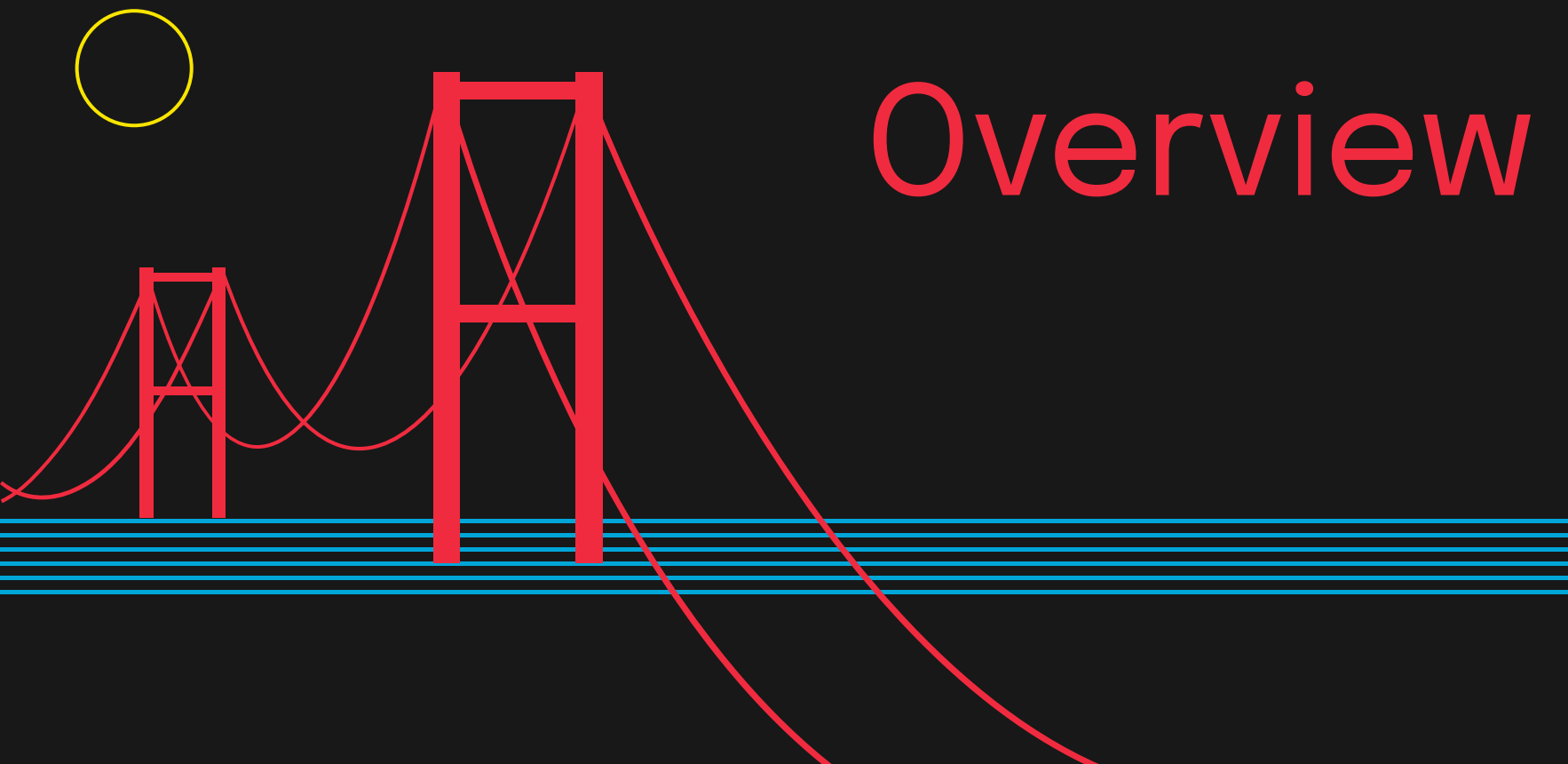


Pasta Bridge!



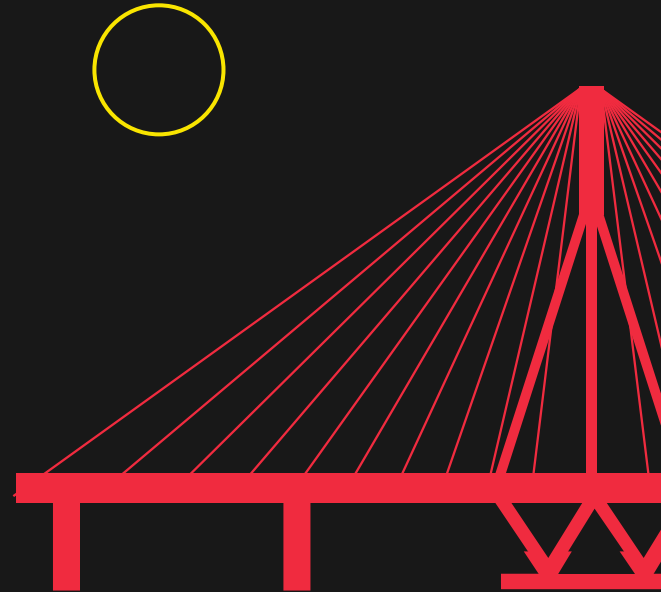
Montgomery Science Olympiad



Overview

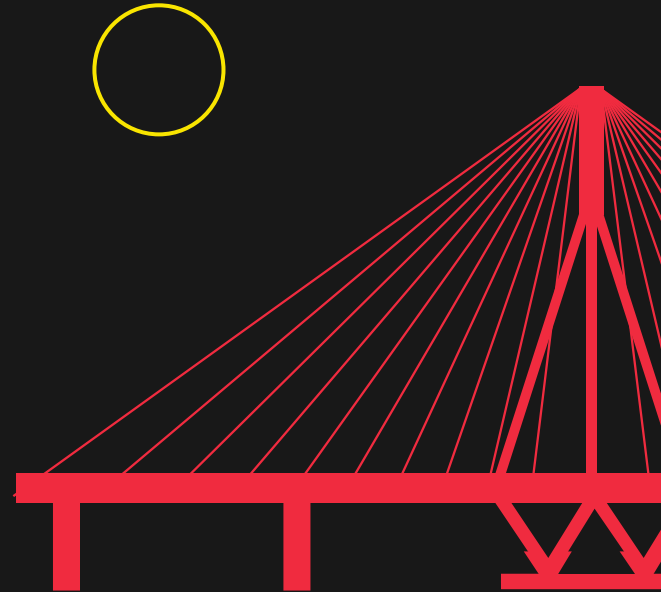
Construction

- Each team has 30 minutes to build a bridge that can hold as much mass as possible
- **Materials:**
 - 15 strands of pasta
 - Tape
- The bridge cannot be attached to the surface
- No legs or beams to support the middle



The Competition

- A cup will be placed on the center of your bridge
- Weight will slowly be added to the cup
- The bridge that holds the most weight wins!
 - Ties are broken by how heavy the bridge is
 - Lighter = better!
- The bridge must hold a mass for 3s for it to count



<https://www.youtube.com/watch?v=IXv5OMT0F0>

<https://www.youtube.com/watch?v=BXDP6ZJ6ams>

<https://www.youtube.com/watch?v=0jYC6VI>
[G7E](#) (song)

https://www.youtube.com/watch?v=s_l5PhX6
[Jdw](#) (1:12-2:55)



A LEGO minifigure of a bridge builder wearing a white hard hat, blue overalls, and holding a white blueprint and a red brick. The minifigure is positioned in the center-right of the image, standing on a pink background.

**Calling
All Bridge
Builders!**



Make bridges with a monkey!



Reminders

- **No extra materials**
 - Be careful not to accidentally break pasta strands
 - Don't waste tape where you don't need it
- **Triangles are the strongest shape!**
- **Plan for time**
 - You have 30 minutes to build, think of a design before you start
- **Good luck and have fun :D**

