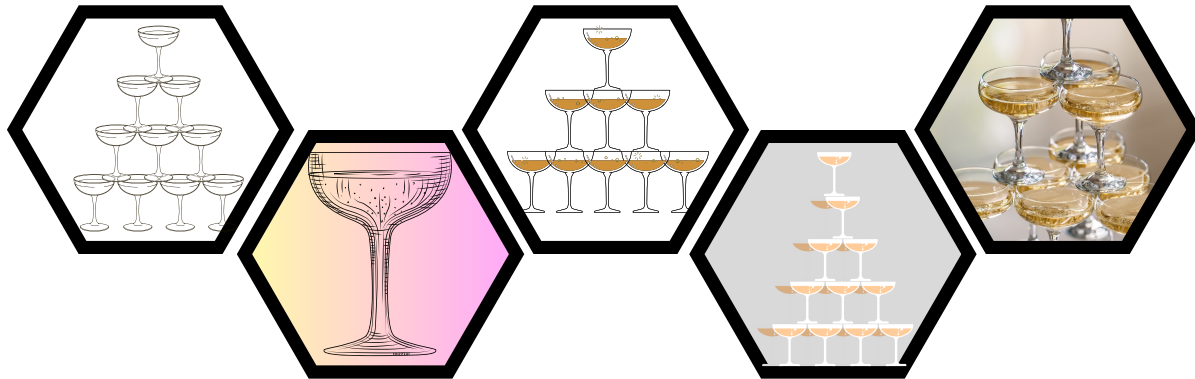


HAPPY New Year STEM challenge

ENGINEERING CHALLENGE: NEW YEAR'S TOWER



CHALLENGE:

Build the tallest New Year's tower or structure by stacking plastic champagne glasses on top of each other. Your design must be free-standing.

TIME CONSTRAINT:

Planning time: 5 minutes

Building Time: 15-20 minutes (or as long as desired)

Reflection time: 5 minutes

Materials:

100 Plastic Champagne Cups Per Team (or Individual)

STEM challenge

Prototype: Draw a quick sketch of your idea.

Steps: What steps will you take to build it?

STEM challenge

Evaluate your structure:

How tall is it? _____

How wide is it? _____

Rate your design:



What did you like about your design?

What would you do to improve it next time?
