Now Make It Tall

Challenge
Your TASK is to build a tower on top of floating ping pong balls.

Time
You will have up to 4 minutes to use your IMAGINATION and PROBLEM SOLVING SKILLS to build your tower and plan how it will float on the ping pong balls. You will then have up to 2 minutes to balance your tower on the ping pong balls.

Procedure
Part 1 (4 minutes): Build a tower using the materials on the table.
Part 2 (2 minutes): Balance your tower on the ping pong balls.

Materials
4 chopsticks  12" of foil  18" of string  6 mailing labels
1 piece of paper  3 nails  5 bobby pins  3 pencils

There will also be a tub with 4 inches water and 10 floating ping pong balls to balance your tower on.

The mailing labels may not be attached to the ping pong balls or the tub. A piece of paper and pencil will be available to you as you plan and present your tower.

Scoring
A. 30 points if there is a tower on top of your floating ping pong balls.
B. 3 points (30 points maximum) for each inch of your tower above the water line.
C. 20 points for the creativity of your structure.
D. 20 points for how well your team works together