Sticks and Stones

Challenge
Your TASK is to build a bridge between tables using only straws and marshmallows, then add weight for score.

Time
You will have up to 5 minutes to use your IMAGINATION and PROBLEM SOLVING SKILLS to build your bridge, then one minute to add weight for score.

Procedure
Part 1 (5 minutes): Create a bridge between two table which will hold weight.

Part 2 (1 minute): Add weight for score.

Materials
20 plastic straws    20 marshmallows
20 weights (large nails, washers, or small fishing weights)

A piece of paper and pencil will also be available to you as you plan and present your solution.

Scoring
A.  10 points if you complete Part One in 4 minutes
B.  5 points for every weight held in Part Two
C.  20 points for how well your team works together

Note to TM: The tables should be about three feet apart. If a weight stays on the structure for five seconds it counts for score.

If possible, have multiple kinds of weights available so the team can experiment and see how the weight effects the bridge they build. Does the shape of the weight effect the shape of the bridge? Does it affect weight placement?