

ENGR 100: Water Tower Project

Requirement:

This project should be finished by a group with 4 members.

Materials:

1. 20 sticks of (uncooked) spaghetti;
2. 24 inches of adhesive tape;
3. One 5-inch square foam board.

Constraints:

1. The base of the structure must be less than a five-inch by five-inch square.
2. The height of the tower (from the very top to the very bottom of the whole tower) must be within 9 to 10 inches.
3. The top of the tower must support a water tank of 3.5 inches in diameter (or larger).

Judging:

The team which constructs the strongest tower wins (can support highest load).