

Lincoln Monument

Judge: Preparation:

Have a 6' folding ruler or yardstick. A roll of masking tape.

Provide the following materials on a table for the team members.

- 1000 Pennies
- A 12" marked out square area on the table

Provide a copy of the problem instructions on the table for the team members.

Judge Instructions:

(Judge: When team members enter the room, tell them)

This is a hands-on problem. You have 1 minute to select the five team members who will compete. The others must sit in these seats and watch or be escorted from the room. They may not assist in solving the problem and may not talk.

(Judge: After 5 Team Members Chosen and seated, Read all the instructions, repeat, then Start the Time)

Your challenge is to construct a high pile or tower of pennies

- The higher you can build above the table, the more you score

Practice time (4 Minutes)

- You will have 4 minutes to practice building piles or towers

Scoring times (75 seconds, 60 seconds, 45 seconds)

- You will have three opportunities to score.
- The highest score only we be counted.
- At the beginning of each opportunity, the Judges will place all the pennies outside the square area
- You will build a pile completely within the square area
- The Judges will measure the height of the pile or tower, and then remove the pennies from the square area
- The first opportunity will be 75 seconds, the second 60 seconds, and the third 45 seconds

Scoring:

- 1-20 points for teamwork
- 3 points for each full $\frac{1}{4}$ inch of pennies on the highest of the three piles

You may ask questions at any time, time continues

(Judge: Repeat all the instructions, then Start the Time)

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Team Copy

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