

ENGINEERING DESIGN PROCESS

Tallest Tower

1. Title of Experiment

2. Hypothesis (How tall can I build a tower using just index cards and tape?)

3. Draw a Picture of your Design (Draw a design of what you want your tower to look like.)

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4. Data Collection/Observations (Draw what your final tower looks like.)

5. Results (Measure the height of your tower.)

6. Analysis/Answer Questions

Did it work better to leave the index cards flat or fold them? Or use a combination of both? Why do you think this is?

How did you fold your cards (triangle, square, rolled them, etc.)? How did the way you folded them affect how high your tower was built? How did it affect how sturdy your tower is?

Was it important to have a sturdy base? Why?