

Names	Lab Section	Date
_____	_____	_____

Objective:

In this laboratory your team is to build the tallest tower from the materials listed below and adhere to the following rules:

- The tower must stand, unassisted, for at least one minute.
- 60 minutes will be allowed for preparation.

Required Materials:

- One 8 ½” by 11” sheet of paper
- 20 inches of tape
- Scissors

Brainstorming Session:

Define and document the purpose of the brainstorming session and the ground rules. Examples of ground rules: no criticism of ideas as they are being presented, one person talks at one time and for an agreed upon period.

Choose a facilitator to keep track of ground rules.

Record all ideas where everyone can see them. Don't worry about looking foolish, record all your ideas. It is a good practice not to associate a person with an idea. Think of each idea as a group idea.

After Brainstorming:

- Identify the promising ideas. Don't evaluate the ideas in detail yet!
- Discuss ways to improve a promising idea or promising ideas.
- Choose and list the ideas for detail evaluation.
- Evaluate the most promising ideas.

Remember to apply the design steps we talked about in class!

Use this side to document your brainstorming session and design.

Tower Height:

Instructor:

Date:
