

## Paper Chain Challenge

### Materials:

- 1 piece of paper
- Scissors
- Glue

### Challenge:

Your challenge is to make the longest paper chain using only one piece of paper.

### Rules:

1. Only one piece of paper will be provided, so plan carefully before you begin cutting.
2. You will have 30 minutes to build your chain.

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**Materials for the following activities are not supplied...**

## Pipe Cleaner Freestanding Tower Challenge

### Materials:

- 15 pipe-cleaners

**Challenge:** Build the tallest, freestanding tower using 15 pipe cleaners.

### How To:

1. Use the 15 pipe cleaners to build a free standing tower.

### Rules:

1. You will have 15 minutes to build your tower.
2. You may only use the 15 pipe cleaners to build your tower. (no other materials may be added to your build)
3. Your tower must be free standing!

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## Popsicle Stick Bridge

### Materials:

1. Glue
2. 40 to 50 Popsicle sticks or craft sticks.
3. A ruler (optional)
4. A cookie sheet or Parchment Paper – To keep the bridge from sticking to other surfaces while it is drying.

### Challenge :

Your challenge is to build a bridge that can hold the most weight.

### How To:

1. Build a bridge using popsicle sticks and glue.
2. Once dry, place the bridge between two chairs that are about 10 inches apart.
3. Test your bridge by adding items to the bridge to see how much weight your bridge can hold. (You can either test with one item and see if the bridge can hold it OR continue to stack items (books, cards, LEGO, blocks) until the bridge breaks.)