



# INVENT THE SUMMER

## Week 3: Paper Structure

### 1 Complete the Challenge.

Build the tallest, self-supported structure you can using only paper and 1 foot of tape.

For kids  
12 and  
under!

### The Rules

#### You CAN:

- ✓ Use as much paper as you want.
- ✓ Your paper can be any size and type! You can mix types too.
- ✓ Use up to 1-foot of tape for the entire structure.
- ✓ Fold, cut or manipulate the paper however you want to.

#### You CAN'T:

- ✗ Use cardboard.
- ✗ Lean your structure against or tape your structure to anything. It must be totally self supported.
- ✗ Just stack up a bunch of paper.

Once you have completed your structure, have fun seeing what kind of force it can withstand. Will it fall over in a breeze or will it stand up to something bumping into it?

### 🤔 Our tips to avoid angry parents 😊

#### DON'T

- 😡 Use important documents in your structure.
- 😡 Build your structure in a high-traffic area or near a fire pit.
- 😡 Blast a hole through your ceiling to make room for your super amazing structure.
- 😡 Give someone else a paper cut.

#### DO:

- 😊 Try to use scrap paper or paper from the recycle bin first.
- 😊 Clean up after yourself.
- 😊 Be careful to not give yourself (or anyone else) a bunch of paper cuts.

## 2 Create a video of your Paper Structure.

Try to keep your video under 1-minute long and include the following:

- The name of your solution.
- How does it work?
- What kind of materials did you use?
- Did you have any problems figuring out the solution?
- What was the biggest lesson you learned?

Remember, your video will be visible to anyone with an internet connection, so it's important to protect your privacy and stay safe. [Click here](#) to see our video submission and safety tips.

## 3 Enter the contest by 9:00pm EST on July 19, 2020.

Ask a parent to upload your video to [YouTube](#) or [Vimeo](#). Then use our [online entry form](#) to send us the link. All entries must be completed by a parent or legal guardian.

All contest entries will receive **1** ticket for our big end-of-the-summer prize drawing! You can receive bonus tickets anytime someone enters their first *Invent the Summer* challenge and credits you for telling them about us!

*\*All videos will be reviewed prior to publishing online to ensure the content is appropriate for all ages.*

## 4 View other solutions and VOTE!

You can see all the solutions and vote for your favorites from 8:00am EST on Monday, July 20 until 5:00pm EST on Tuesday, July 21. See our [voting rules](#) for more information.

## 5 Winners announced by 8:00pm on July 21!

**Audience Choice Award:** Goes to the solution with the most votes.

**Editor's Choice Award:** Selected by the Junior Board of Engineers. Solutions will be judged on originality, execution and presentation.

Winners receive their choice of an *Invent the Summer* t-shirt or drawstring bag.