

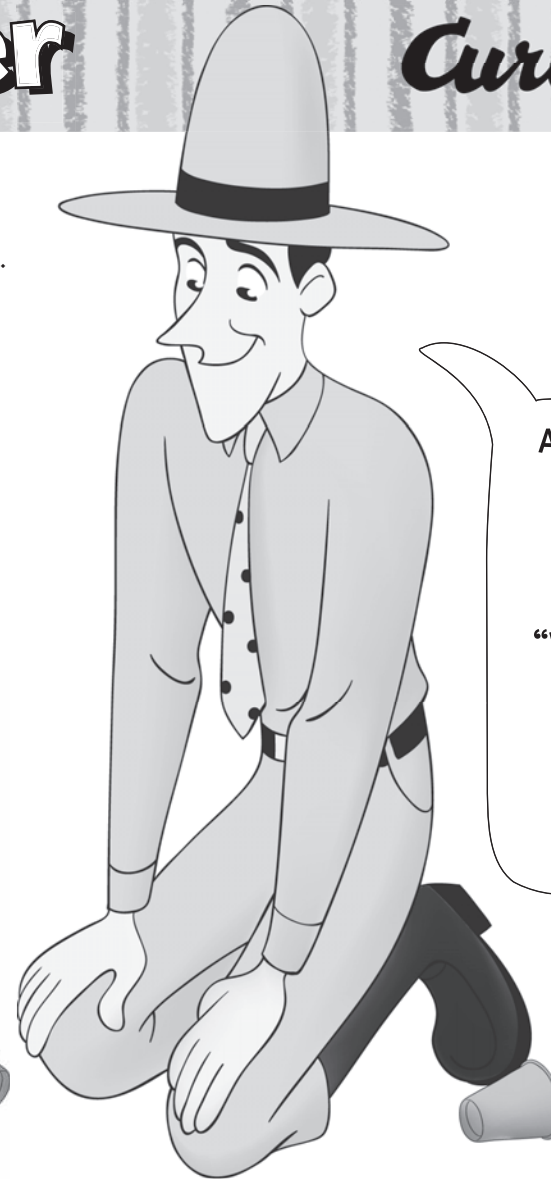
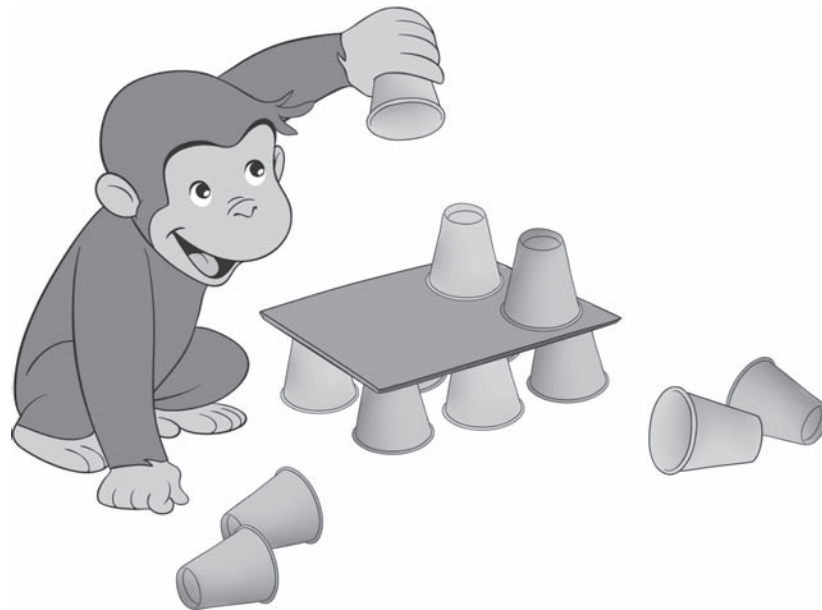
# Make a Cup Tower

*Curious George*<sup>™</sup>

In the episode *Curious George's Home For Pigeons*, George explores some basic engineering concepts as he builds a home for his pigeon friend.

Engineers design and build many things that we use everyday—cars and trucks, roads and bridges, houses and apartment buildings.

Here is a chance for you and your child to become engineers. Help your child make a tower using paper cups and pieces of cardboard—just like Curious George is doing.



As you build together,  
ask your child:

- “What do you think will happen if...?”
- “What else could we try?”
- “Why do you think that happened?”

See the other side  
for more ideas.

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Watch *Curious George*  
on PBS KIDS.

# Make a Cup Tower

Curious George™

## Build and Explore!

Let your child take the lead as you build a tower together. Have fun as you experiment, observe, and discover.

### Try It Out!

As you build, encourage your child to talk about his or her ideas...then try them out! You may want to ask:

- 👉 How many cups do you need at the bottom of your tower?
- 👉 I wonder if the cups will work better if they are facing up or facing down.
- 👉 Do you think it's possible to make a tower that is as tall as you are? Even taller?
- 👉 I thought the tower was going to fall down. How did you get it to stay up?

### Test It Out!

When engineers build something, they test its stability—how strong it is. If your child is interested, try these “stability tests” on the finished tower. Think of other tests to try!

- 👉 Fan a piece of cardboard at the tower to create a big wind.
- 👉 Hop up and down next to the tower.
- 👉 Roll a toy car into one of the cups at the bottom level of the tower.
- 👉 Put a weight on the top (such as a book or a piece of wood).

If the tower falls, help your child think about how to make it stronger. Then build it again—just like a real engineer would!



Visit [pbskids.org/curiousgeorge](http://pbskids.org/curiousgeorge)  
for more fun math, science, and engineering activities.

