



Build the Tallest Structure Possible

Suggested Materials:

- Plastic or paper cups*
- Craft sticks*
- Index cards* (or other thick paper)
- Other recycled items, such as cardboard, toilet paper tubes, egg cartons, yogurt containers, etc.
- Small toys or figurines (animals, cars, people) to add stories to the structure

* = Items that are included in the Everyone Explores kit.

What to Do:

1. Set out materials you gathered.
2. Experiment with different ways to stack the cups, sticks, index cards, and other materials. How can you make the structure taller and more stable?
3. Knock over the structure and start again!

Photos for Inspiration:



Little creatures live here!



Build up like a pyramid with cups



Pipe cleaner tower



Stack cups and index cards

Additional Challenges:

- Build a bridge.
- Build something that has a roof.
- Build a structure using every material you have.
- Build a whole city.
- After building a structure, carefully remove one cup at a time from the middle (just like Jenga). How long does it stay standing?
- Make up a story about the structure. Do people or animals live in it?

Ways to Share the Fun from Afar:

- On a video call like Zoom or FaceTime with family or friends...
 - Build a structure in each place. Who can make the tallest tower?
 - Give each other challenges. Suggest that one person add or remove a specific material. Keep building higher and higher without making the structure fall!
- Have someone think of a design and describe it to you over the phone. Build a structure that matches what you think the person was imagining. Share a photo of the finished structure with them. Does it look like what they were imagining?
- Take pictures of all the different structures you make. Make a photo collage of all your structures. Share the collage with family or friends and tell a story together.