



The Tech Challenge

Presented by
Dell Technologies

Create with Cardboard


Ready for a little Tech Challenge fun?
Let's build some creations out of cardboard!

Create with cardboard ... no tape or glue allowed!

You'll need some building materials, connectors and a ball or something heavy for testing.

Use what you have and be creative!



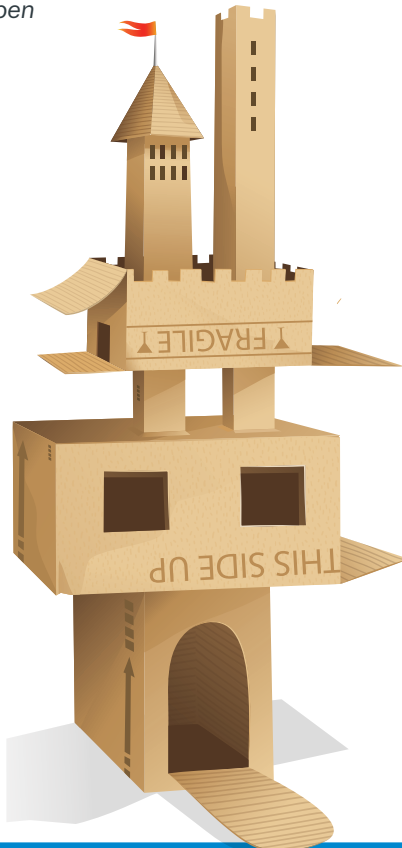
Building materials	Connectors	Additional materials	No tape or glue!
<ul style="list-style-type: none"> Flat pieces of cardboard* Cereal boxes Paper Toilet paper rolls 	<ul style="list-style-type: none"> Binder clips Paper clips Twist ties String 	<ul style="list-style-type: none"> Something heavy to test your creation. A ball to balance on top of your creation. 	 Why? Because building without tape or glue lets you change your designs faster and makes it easier to reuse materials.

**Start with flat pieces of cardboard. Carefully cut open cardboard boxes. Ask an adult for help if needed!*

Ready, set, build!

Using only cardboard or paper and some connectors, choose one of the following challenges:

- How high can you make your creation before it tips over?
- Build something and see how much weight it will hold.
- Build a tall structure and balance a ball on top of it. How high can you go before the ball falls?



Bonus challenges

- Have someone cut your cardboard into random sizes and shapes and try building with them.
- Build a piece of life-sized furniture (chair, sofa) out of cardboard. Can it hold your weight? Be safe testing!

Questions to ask yourself:

- If you could use another building material, what would you use and why?
- What makes your creation sturdier?
- How could your creation be used in the real-world?

Share what you build on Facebook using **#TheTechChallenge**

thetech.org/techchallenge