The Tech Challenge

Presented by
Zoom Video Communications
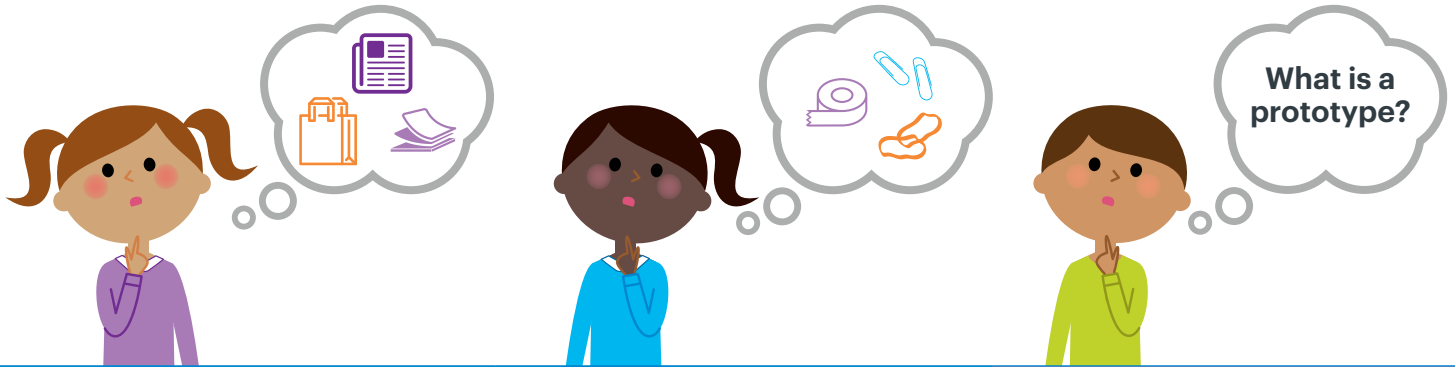
Paper Engineering
Ready for a little Tech Challenge fun?
Let's prototype with paper!

Created June 2021

Can you design and build a paper prototype that you can use in your home?

You will need some paper and connectors. Use what you have and be creative!

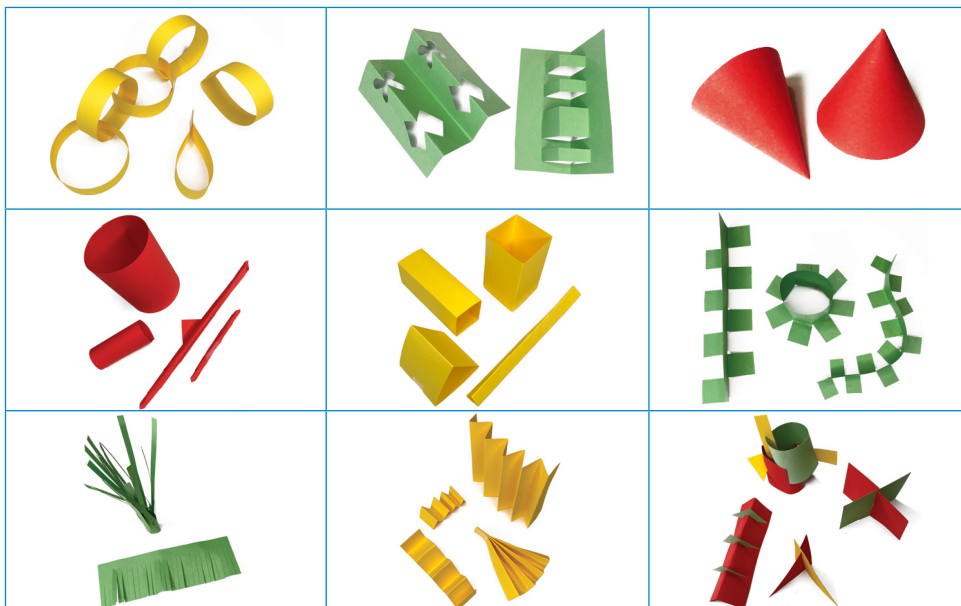**What is a prototype?**

Paper (any kind)	Connectors	Vocabulary
• Newspaper • Binder paper • Wrapping paper • Paper bags	• Tape • Paper clips • Rubber bands	**Prototype:** A prototype is a simple model that lets you test your idea.

Ready, set, build!

1. Find something in your home you can recreate out of paper.
2. Design and build that object out of paper.
3. Test your paper prototype to see if it works like the original item. Which parts work? What do you need to change?
4. Make changes and test again until you've met the challenge!

Ideas for building with paper

Bonus challenges
- Build your paper prototype without connectors. Just use paper!
- Try making your test harder. Does your item still work?
- Find another item and try again!

Questions to ask yourself:
- Was paper a good building material for the item you chose? Why or why not?
- If you could use any material, what would you choose? Why?