Roll up newspaper to create your own building materials and get inspired to build with images from MCD’s Survival Architecture and the Art of Resilience exhibition. Follow the links below to learn more about how the structures in the exhibition are used. What is the function of your imaginary structure?

RECOMMENDED AGE/SKILL LEVEL:

Recommended for children 5+, younger kids could participate if rolls are pre-made.

MATERIALS

- Newspaper
- Scotch or masking tape
- Architectural inspiration
- Pencil and paper for optional structure design

INSTRUCTIONS

1. Check out images of structures in Survival Architecture and the Art of Resilience for some inspiration. If you like, draw a diagram of your design before you begin.

2. Collect newspapers around your home. Half pages and smooth advertising paper are best, but different sizes work. Check to make sure this newspaper is okay to use before you begin. *Plain white paper will also work, but will make smaller tubes.*

3. Using a half paper, pick one **corner** to begin, and roll diagonally gently but firmly.

4. Continue **rolling**, trying to keep the paper as tight as possible. The tighter the roll, the firmer and stronger it will be. Take your time, and re-roll if you need to.

5. When you get to the end of the page, use one or more pieces of tape to stick the end down. You’ve finished one tube - keep making more until you have a collection.

6. Once you have a good tube collection, you’re ready to start building (and you can always make more). Pre-rip small tape pieces from your roll. Use tape to create the basic structure of your design - the longest, widest parts.

7. Build triangle shapes for the strongest structure by taping corners together. Don’t forget that you can fold newspaper tubes in half or at the ends to change their length.

8. Once the basics of your structure are ready, add on any details you want. You can bend or cut newspaper tubes, decorate with full newspaper pages, or use other materials.

9. After finishing your project, wash your hands well to get rid of the newsprint.

**REFLECTION QUESTIONS:**

- What kind of environment would be the best place for your structure?
- What would your daily routine be if you lived there?

**ADDITIONAL RESOURCES**

**CONNECT SOCIALY AND LEARN MORE**

Facebook & Instagram: @MuseumofCraftandDesign
Twitter: @SF_MCD

**Websites**

*Survival Architecture and the Art of Resilience*
*Cricket Shelter: Modular Edible Insect Farm*
*Anthropod via Artworks for Change*
*Artist via Archdaily Alejandro Aravena & 99 Percent Invisible*
*Artist Phil Ross*
*Babble Dabbledo: Engineering for Kids*