



How many of these materials can you find around your home? Challenge yourself to find one of each color! See if you can get a whole row or column!

B	U	I	L	D
Chopsticks 	Paper plates, cups or bowls 	Twist or bread ties 	String, yarn or rope 	Something random from a "junk" drawer! 
Binder clips 	Something colorful! 	Rubber bands 	Paper towel (or toilet paper) roll 	Cereal box 
Food container (yogurt, take-out, any kind!) 	Recycled paper 	FREE SPACE (Anything that makes you feel innovative!)	Pipe cleaners or chenille stems 	Spoon or fork 
Balls (any kind!) 	Fabric scrap 	Paper clips 	Cardboard 	Aluminum foil 
Coffee filter 	Shipping materials 	Straws 	Something that adds personality! 	Chip clip or hair clip or clothespins 

Color Key:

Orange:

Long, skinny items

Purple:

Things that add structure

Blue:

Things with surface area

Yellow:

Wild/random items

Green:

Fasteners/Connectors

After your treasure hunt, see what you can build with the materials you've found! Can you make a vehicle, a puppet, a tool, a "creature," or a fashion accessory?

Challenge a friend or family member and see how you can combine all your items into an amazing new invention!

Need more ideas for what to build with all your materials? Check out The Tech Interactive at Home for activity guides and design challenges!

Share Your Results!

Keep us posted about your design challenges on social media with **#TheTechatHome**.

thetech.org/athome

