



create[®]

AT ARIZONA SCIENCE CENTER

Imagine. Design. Make. Connect.™

MAKER CHALLENGE

STEAM

Makers are individuals who are using “stuff” to create “stuff”. Today you will participate in a maker challenge where you will use “stuff” you have at your disposal to make a mystery item!



Never stop wondering.
Never stop imagining.™

MAKER CHALLENGE

SUPPLIES

- A variety of materials, possible items include:
 - Tape (scotch, masking, painters, duct)
 - Glue (liquid, glue sticks, glue dots)
 - Scissors
 - Paper (wrapping, tissue, cardstock, lined, construction)
 - Cardboard
 - Foil
 - Crayons
 - Pipe cleaners
 - Play dough
- "Task cards" pre-cut (found below)

CHALLENGE

Making a Mystery Item!

1. You will need to gather 3 items to build something. Think about how you might make the items work together; will you need to resize the items or adhere them?
2. Take 5 minutes to gather your 3 items.
3. Once items are gathered reveal the "mystery item" by drawing a task card.
4. After you have looked at your task you may choose to keep all 3 items originally selected or switch one out for something else.
5. Once switching is done, create your item with the materials you have!

QUESTIONS

1. If you could have known your task ahead of time, what three items would you have chosen instead?
2. How did the materials you selected work?
3. How did they not work?

MAKER CHALLENGE

TASK CARDS

TASK



Create a top that spins.

TASK



Create a birdhouse.

TASK



Create a pencil holder.

TASK



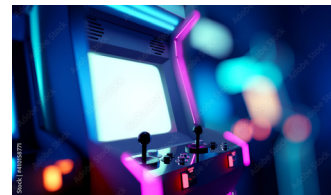
Create a wind chime.

TASK



Create a jewelry box.

TASK



Create an arcade game.

TASK



Create a bookend.

TASK



Create a fan.