

## Recycled Art Mini Design Challenge



### Problem Scenario:

You are in a situation where you must creatively repurpose parts from other items to create an entirely new tool or piece of art. You must carefully choose your parts. Take notes on what you choose and record the disassembly of every item, in case you have to reassemble it. Your only tools are outlined below. Be creative, be clever and good luck!

### Challenge:

What can you create new tools or art from the items you can salvage for reuse or recycle?

### Criteria:

- All parts and pieces must be part of your original selection of items.
- All parts must be reassembled using what's available or using hot glue, wire or tape.
- There are countless ways to reuse, recycle and re-adapt parts and pieces. But you must document your journey!

**1. Brainstorm:** Use the space below to brainstorm the design and approach to building your unique tool or piece of art;

- What can you build with what you already have?
- What is the best way to put things together? Mechanical screws, glue or tape?
- Can you imagine what it must be like to be an engineer or artist?
- How are these professions similar?
- How are they different?

## 2. Design:

1. Make a list of all the items you have in your pile of recycled art.
2. Can you make a sketch of what you might build?
3. Remember, the only items you can use are:
  - Hot glue and hot glue gun
  - Tape
  - Wire
  - Scissors
  - Pliers
  - Screwdrivers

## 4. Evaluate:

- Go ahead and see how close your design came to your vision.
- Describe ways in which you would try to reduce the amount of pieces parts, glue, wire, and tape used.
- One skill artists and engineers share alike are notes or sketches of their work.
- Are you good at capturing your work on paper first?
- If not, how could you improve?

## 5. Modify:

- If you have modified your design did it help to reduce the number of pieces and parts and amount of glue, wire or tape that you use?
- Write down any changes that you did.

## 3. Build:

Use the materials to build your recycled art or device. It does not have to be exactly like you drew it if you find some other way works better (just be sure to document your original idea and your changes.)

## 6. Share:

Share your creation on Social Media!

Tag us on Facebook, Twitter or Instagram @pastfoundation

Use the hashtag #ThisIsPAST or #DesignThinking