

Museum of Craft and Design

SANDS OF TIME



PROJECT DESCRIPTION

Watch the sands of time rotate over and over with this project! Our upcoming exhibition, [Design by Time](#), is all about how time moves and manifests. What better way to dive in than by holding a piece of time yourself? Race against the clock and see how quickly you can build a majestic hourglass of your own.

Plus, your new device will be able to be used for future exhibition-related projects throughout the run of the show!

RECOMMENDED AGE/SKILL LEVEL

Recommended for ages 12 and up with adult supervision.

MATERIALS

- 2 small cardboard squares (3.5" x 3.5")
 - 2 plastic wine glasses
 - Salt, sand, or sugar
 - Hot glue gun
 - Scissors
 - Pencil
 - Sewing needle, large safety pin or other sharp metal point
 - Ruler
- Optional Materials:**
- Wooden dowels or sticks
 - Drill
 - Mini hand saw
 - Decorative elements (ribbon, rhinestones, paint, etc.)

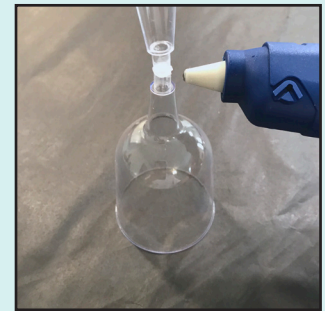
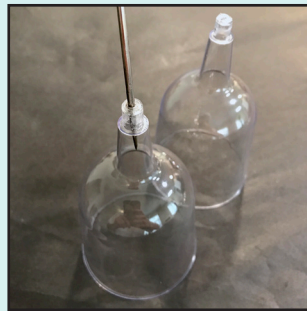


Museum of Craft and Design

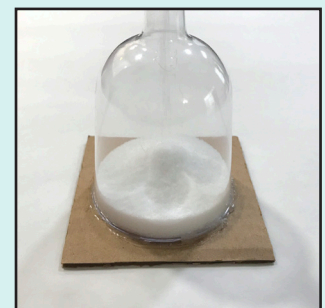
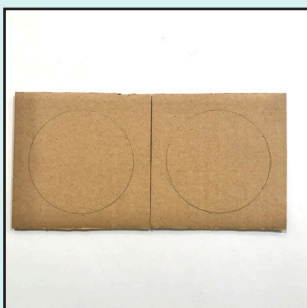
SANDS OF TIME

INSTRUCTIONS

- Remove the bases of the plastic wine glasses.
- Use a heated sewing needle, drill with a small bit, or some other kind of sharp metal pointed object to puncture a hole through the stem of the wine glasses.
 - Make sure the holes are large enough for contents to flow, but not so big that the timer runs too fast.
 - Practice running sand/salt/sugar through the hole and adjust the size of the opening as necessary.
 - *TIP:* Start with a small hole and then make it larger as needed.
 - Repeat the process with the second glass.
- Use the hot glue to attach the two plastic glasses together by their stems.



- Cut two cardboard squares with surfaces slightly larger than the rim of the plastic wine glasses.
 - This example uses pieces which measure 3.5" by 3.5"
- Trace the rim of a glass in the center of each cardboard piece.
- Apply hot glue along the circle line on one cardboard and attach to the bottom rim of the glass tower.
- When the attached base has dried, pour sand/salt/sugar into the top glass. The selected contents should fill up approximately half of the bottom glass.



Museum of Craft and Design

SANDS OF TIME

- When all contents have been poured in, glue the remaining cardboard to the top glass rim.
- *OPTIONAL:* Use your hot glue gun to wrap ribbon or twine around the perimeter of each glass. Add other embellishments as desired.
- *OPTIONAL:* Use a mini-hand saw to cut two wooden dowels or create densely rolled tubes of paper that are equal in height to the stacked glasses.
 - Glue them to the top and bottom bases.
 - These will provide extra stability, as well as a more comfortable way to hold your hourglass.
- When all glued parts have dried, flip your hourglass and face off against Father Time!
- *OPTIONAL:* You can use a stopwatch to time your timer and make note of just how long the sands of time are.



ADDITIONAL RESOURCES

CONNECT SOCIALLY AND LEARN MORE

Facebook & Instagram: @MuseumofCraftandDesign

Twitter @SF_MCD

Share your project! Post and tag #MCDatHome

Related materials: [Find out how this little timekeeping device has carved its place in human history!](#)