

# Busy Bins for \$5 or less

\$5  
**Straw Sculptures**

**MATERIALS**

- Paper Drinking Straws
- Pipe Cleaners
- Safety Scissors\*
- Toothpicks
- Yarn
- Paper
- Clothespins
- Beads (varying sizes)
- Printable Challenge Cards available at:  
[#busybins](http://www.STEAMengineOKC.org/freebies)

\*Optional. Adult supervision recommended.

**INSTRUCTIONS**

- Gather the materials.
- Explore the properties of each of the materials and build through open-ended play and discovery.
- If more structure is needed, complete the challenges on the printable challenge cards.

Note: Some challenges may require adult supervision or participation.  
 \* The printable instructions may include links to other websites. The STEAM Engine is not responsible for third-party content.







**CHALLENGE #1:**

Build a 3D representation of a landmark that you have visited (or would like to).

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**CHALLENGE #2:**

Make a 3D sculpture of your name.

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**CHALLENGE #3:**

Build a Tower that's as tall as your waist. How much weight can it hold?

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**CHALLENGE #4:**

Build a bridge that can span 1 foot...2 feet...3 feet. How far can you go?

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**CHALLENGE #5:**

Create a spider web.

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**CHALLENGE #6:**

Design a Kite. How long can you keep it airborne?

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**CHALLENGE #7:**

Create a 3D stick person that looks like you.

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**CHALLENGE #8:**

Build a raft to float in water. How many quarters can it support?

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**CHALLENGE #9:**

Create an instrument and make up a song.

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**CHALLENGE #10:**

Build a Geodesic Dome

(Instructions: [here](#))

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**CHALLENGE #11:**

Design a home or habitat for an insect or animal.

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**CHALLENGE #12:**

Build a Straw Hoop Glider

(Instructions: [here](#))

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