

Robot Hand



Materials:

- Standard Drinking Straws (paper or plastic)
- White Card Stock
- Scissors*
- Pencils*
- Yarn or String (various colors)
- Tape
- *not included

1. Make the Robot Hand

Trace hand (adult hand recommended for larger size) onto card stock. Cut hand outline out with scissors. Place hand back onto paper hand to mark location of joints. Fold the paper hand at the marked joint locations.

2. Add the Straws

Cut the standard straws into $\frac{1}{4}$ ", $\frac{1}{2}$ ", 1", and $2\frac{1}{4}$ " sizes. Tape standard straws onto hand and the wrist.

3. Add the Yarn

Using a different yarn color for each finger, cut five strands of yarn into 2-foot-long pieces. Be sure to knot one end of each piece of yarn. Thread one yarn strand through each finger. Use a different yarn color for each finger. Have all colors meet at the wrist.

4. Play and Experiment!

Pull on the strings individually and in combination to explore the wonder of robotic hands!



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Other ideas with these material:

