



WOW!

The longest journey walked by a humanoid robot—more than 66 miles—was achieved in China in 2025.

WARNING!

Ask for an adult's help with hot glue, handling cans with sharp edges, and cutting wooden skewers.



Make rolling robots from recycled cans

What you'll need

- Drinking straws
- Clean recycled cans and tins
- Hot glue (or you can use adhesive dots)
- Wood skewers or thin dowels
- Large beads (we used wood)
- Scissors
- Recycled plastic caps
- Black permanent marker
- Optional: pipe cleaners, googly eyes, colored tape, stickers, paper dots, clear gumball machine capsule

Instructions

1. Cut two pieces of straws to match the width of the bottom of a recycled can. (Please see the photo of the robots above for guidance. The robot can on the far right uses the open end of the can for the bottom, with the intact smooth end as the top.)
2. Use glue to attach the straw pieces to the bottom of the can, one near the front and one at the back.
3. Slide one wooden skewer or dowel through each straw. The ends should stick out on both sides.
4. Push bead "wheels" onto the ends of the skewers. If the skewers are too long, use scissors to trim off the

extra length. Use a dab of glue to secure the wheels to the skewer so they spin together as one piece.

5. Glue straws or pipe cleaners for arms to sides of can.
6. Use glue to adhere a plastic cap, or a stack of plastic caps, to the top of the robot for the head. Draw eyes with a marker, or glue on googly eyes. You can add a mouth with a thin strip of colored tape.
7. Decorate your robot with stickers, paper dots, or colored tape. You can add half of a clear gumball machine capsule to make a helmet. Use hot glue to add a small snip of pipe cleaner for an antenna.



ECO TIP OF THE WEEK HELP YOUR DOG BE A BARK RANGER

The National Park Service is offering its canine visitors a special opportunity to earn an official "BARK Ranger" badge. BARK stands for four eco-friendly rules: Bag and carry out your waste. Always wear a leash. Respect wildlife. Know where you can go with your pet. The badge, which is available at about 150 national parks, rewards dogs and their owners for doing their part to help keep parks clean so wildlife can live there safely. Check with the visitor center at participating national parks for details about taking the Bark Ranger pledge and earning the badge. Find out more at tinyurl.com/TWJUS-BarkRanger.

Keep pups leashed at parks!

