



WHAT YOU'LL NEED

- 4 AA batteries
- 6-volt battery case with wire lead terminals and an on-off switch (we used the Philmore BH3411B AA Battery Holder, \$1; amazon.com)
- 6-volt hobby motor (like the Uxcell High Torque Cylinder Magnetic Electric Mini DC Motor, \$6; amazon.com)
- Electrical tape
- Washer, dime, or other small, flat object
- Kitchen brush
- Duct tape
- Felt
- Scissors
- Tacky glue

WHAT TO DO

1. Put batteries in the battery case. Connect the leads to the hobby motor (it doesn't matter which color lead connects to which), and secure the wires in place with electrical tape. Attach the washer to the motor's shaft with electrical tape.
2. Attach the battery pack and motor to the brush with duct tape.
3. To make a dinosaur: Trace two each of the templates onto felt and cut out. Place the two body pieces on top of each other and glue together along the top spines, leaving the bottom part unglued. Glue the eyes on either side; let dry. Separate the two sides of the body, add glue in between, and then place it over the brush handle; let dry.
4. Turn on the motor to see the brushbot move on its bristle "feet."