



**WAITING FOR
MATERIALS TO
ARRIVE.
EXPECT KITS THE
WEEK OF FEB. 7TH**

UPCYCLED DANCIN' 'BOTS

MATERIALS:

- Battery *
 - Motor*
 - Bot decorations (feathers, pipe cleaner, etc)*
 - Recycled materials to make your bot.
- All materials with an * are included in the kit.

DIRECTIONS:

- Design your bot with natural or recycled materials like pinecones, sticks, bottles, containers, etc.
- Test out the motor. There are two wires: a red (positive) and a black (negative) wire. Play around with connecting them to either end of the battery. Does it work both ways?
- Attach the motor to the body of your bot.
- Connect the wires with tape to the ends of your battery.
- Take your bots out DANCING!
- Disconnect one wire to turn them off.

STEAM SKILLS:

- Cognitive skills & problem solving: Electronics projects always include a round of troubleshooting!
- Receptive language skills: To properly get a circuit working kids will need to follow precise step-by-step instructions.
- Social emotional skills: Once the basic bot structure is complete, kids can turn their bot into a creature.

TROUBLESHOOTING:

Motor not working

- Check the connections to the battery.
- Try switching how the wires are taped to the battery.

Motor is working but the bot is not moving

- Check the legs are the same length.
- Move the motor to another part of the bot body.
- Make sure the motor is securely attached.
- Place the bot on a smooth surface.

Thanks to Babble Dabble Do for inspiring this grab bag.

