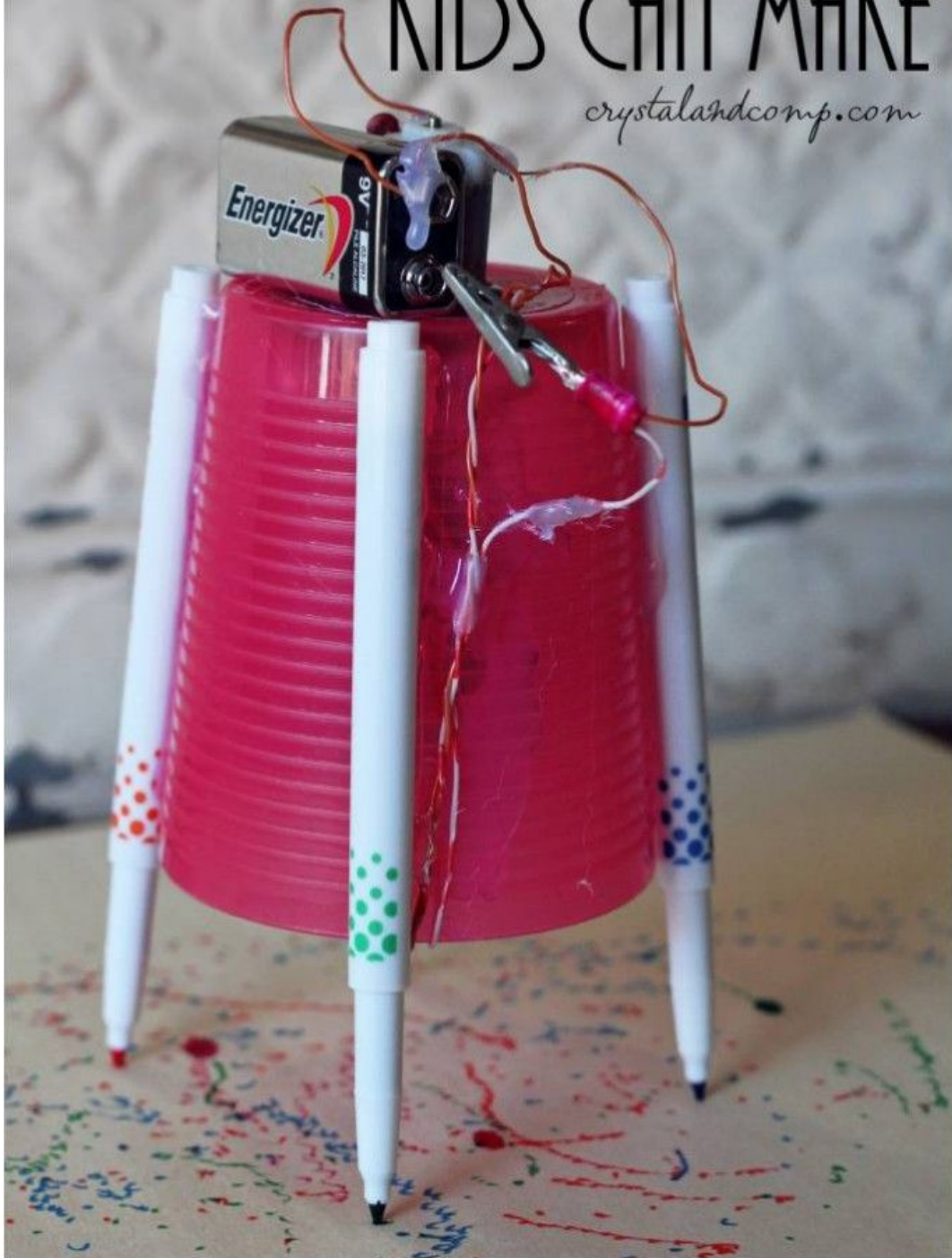


# MOTORIZED COLORING BOT KIDS CAN MAKE

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## Supplies You Will Need:

- \* Toy motor with attached wiring
- \* 4 color markers
- \* Hot glue sticks and hot glue gun
- \* Plastic cup
- \* 9 volt battery
- \* Electric “alligator” clip
- \* Electric drill and screw

**Use the motor  
from an old toy to  
create a coloring  
machine. A simple  
STEM activity  
kids can do!**

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Use an old plastic cup, and have one of the parents drill a hole into the bottom of the cup using a screw.

Be careful not to apply too much pressure, as the cup might crack if you do that. Slow and steady.

Insert the motor and its attached wires you've removed from the toy into the hole you created in the bottom of the cup.

Use a hot glue gun to secure it into place.

Hot glue the 9 volt battery to the cup. We just glued it down right next to the motor.

Add an alligator clip to the wires. This alligator clip will be used as a connector for the motor to the battery.

You can also glue down the wires to the side of the cup if there is a lot of wire hanging and you want to keep it out of the way. This is what we did.

Hot glue the markers onto the side of the cup.

When you're ready to color, lay down a sheet of paper.

Then remove the lids from the markers and connect the battery and motor and watch it go, go, go!

It will vibrate, jump around a bit and go in circles, coloring all the while.