Garbage to Gadgets Projects

Battery Pack for the first two projects. (close it tightly in order to make electrical contact!)

Project #1
3 Wheeler Car

Poker chips with the larger hole fits onto the wooden skewer.

Poker chip with the small hole in it fits onto the motor shaft.

Hot glue here and here.
Project #2
Tri-bot

Hot glue the motor and battery pack onto the cup.

Chunk of glue-stick drilled into side will fit on motor shaft.

Three legs will allow it to stand. Markers are fun to use, but only if the floor or table is covered with paper!
Project #3
Whirly Go Round

First make a double battery pack (make both batteries face the same direction.) Close it up tightly!

Next cut out of your bottle-plastic, the shape of a propeller.

Push the motor shaft into the hole in the end of the chunk of gluestick. Place a thumbtack into the middle of your propeller. With the help of a squirt of hot glue between them, push the propeller together with the glue stick.
Hot glue a tack to the side of the wooden ball, halfway between the holes.

Put a wooden stick into each hole (one side of the stick fits better than the other.) Then wrap the stick assembly with two wires from end to end.

Hot glue the motor to the end of one stick and hang the battery pack from the end of the other stick.

Put it all together, balance it on the top of a water bottle (full) and hook up the wires!