

Activity 1: Make a Fan Spin

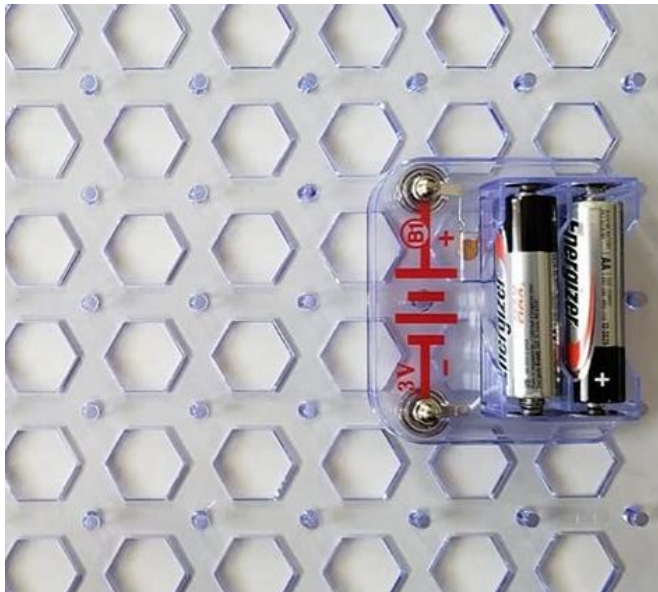
Parts Needed:

- Snap Circuits board
- Two AA batteries
- Battery pack
- One 3-wire
- Motor
- Switch
- Fan



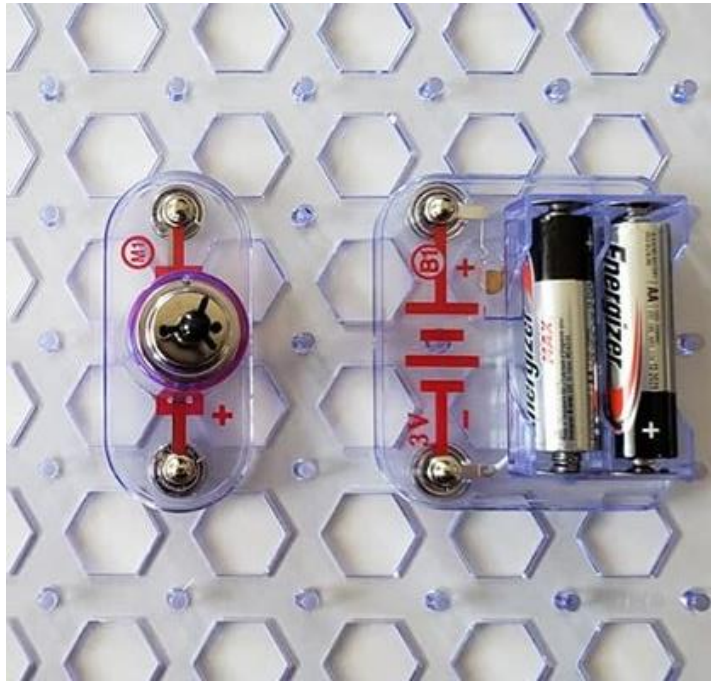
Step 1: put the batteries in the battery holder.

Activity 1



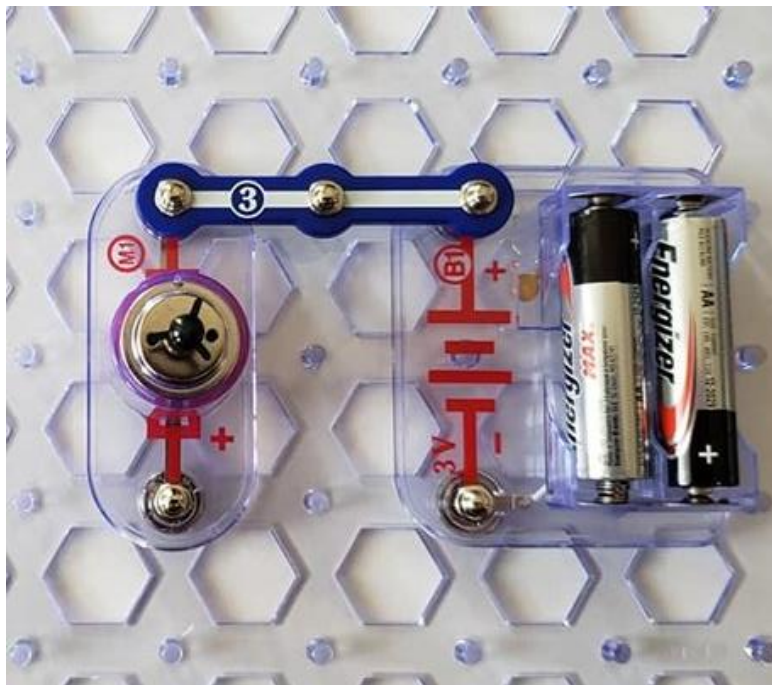
Step 2: put the battery holder on the board.

Activity 1



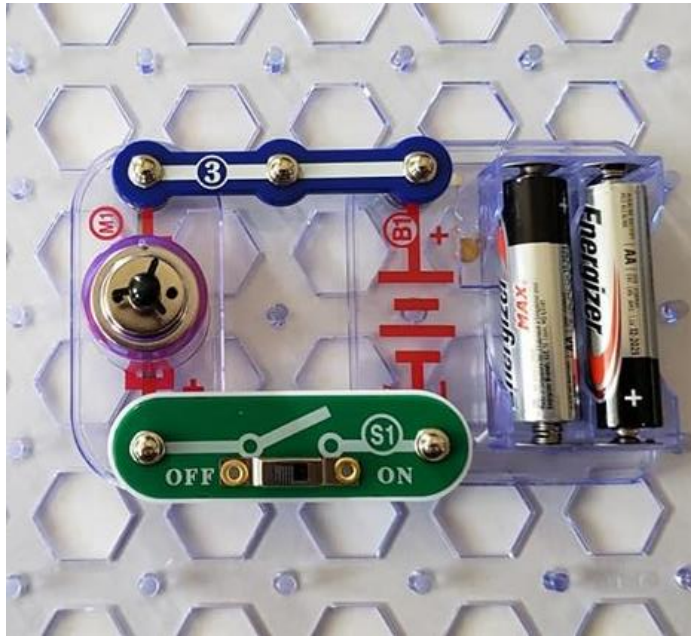
Step 3: put the motor on the board with one space between the motor and the batteries.

Activity 1



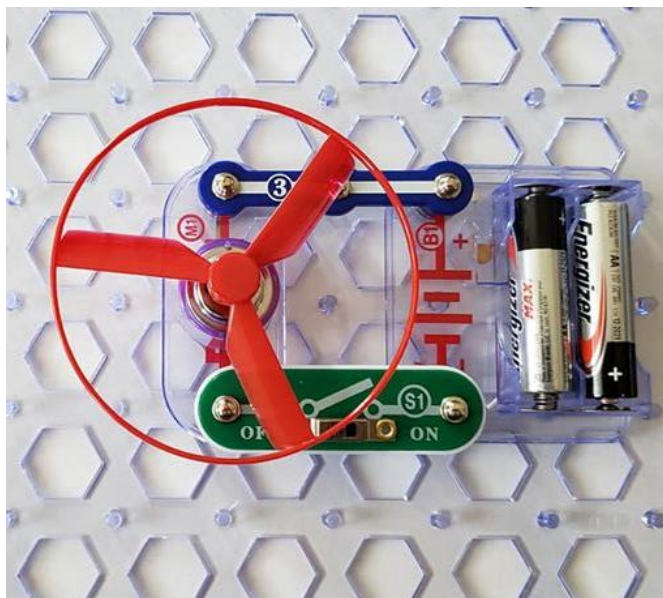
Step 4: put a 3-wire on the motor and battery holder.

Activity 1



Step 5: put the green switch on the motor and the battery holder.

Activity 1



Step 6: put the fan on the motor and turn on the switch.

Activity 1



Activity 2: LED Light

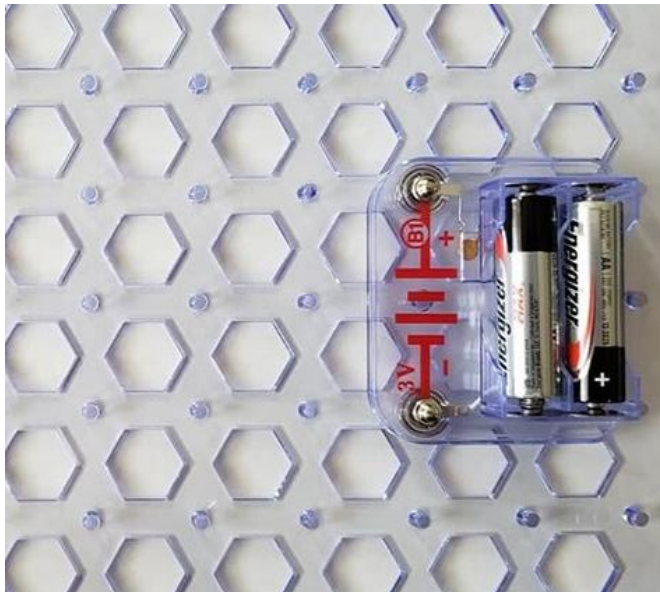
Parts Needed:

- Snap Circuits board
- Four AA batteries
- Two battery packs
- One 3-wire
- LED
- Switch
- Resistor
- Egg
- Fiber optic tree (and base)



Step 1: put the batteries in the battery holders.

Activity 2



Step 2: put one battery holder on the board.

Activity 2



Step 3: put other battery holder on the board.

Activity 2



Step 4: put a 3-wire on both battery holders.

Activity 2



Step 5: put yellow resistor two spaces under the battery holder.

Activity 2



Step 6: put the black LED between the resistor and the battery holder.

Activity 2



Step 7: put the green switch between the yellow resistor and the battery holder.

Activity 2



Step 8: put the egg on the bulb on the LED.

Activity 2



Step 9: get these two pieces.

Activity 2



Step 10: put these two pieces together.

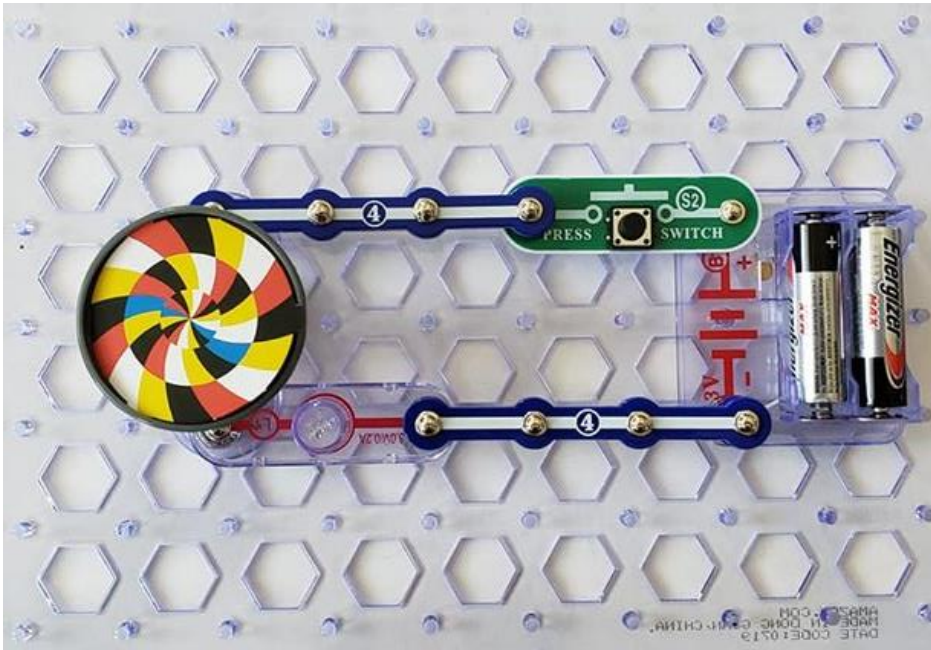
Activity 2



Step 11: put that piece on the LED lightbulb.

Activity 2

Activity 1



Activity 3: Multicolor Spinner

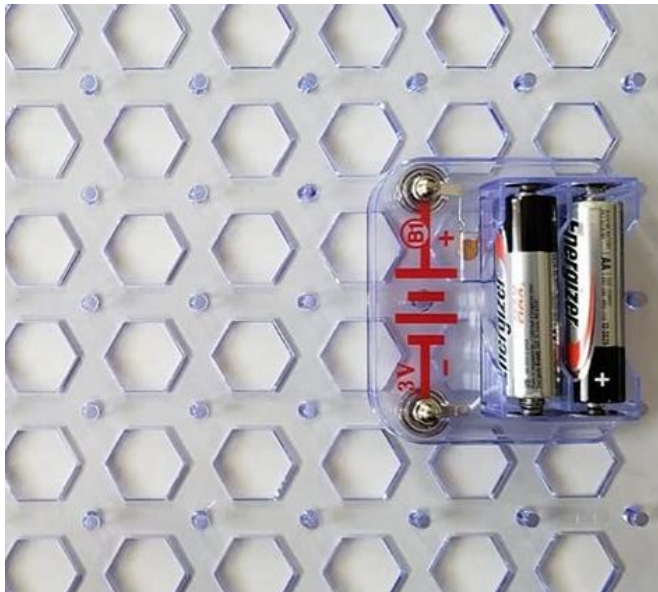
Parts Needed:

- Snap Circuits board
- Two AA batteries
- Battery pack
- Two 4-wires
- Four 1-wires
- Motor
- Switch
- Light bulb
- Gray disk holder
- Colored disks



Step 1: put the batteries in the battery holder.

Activity 3



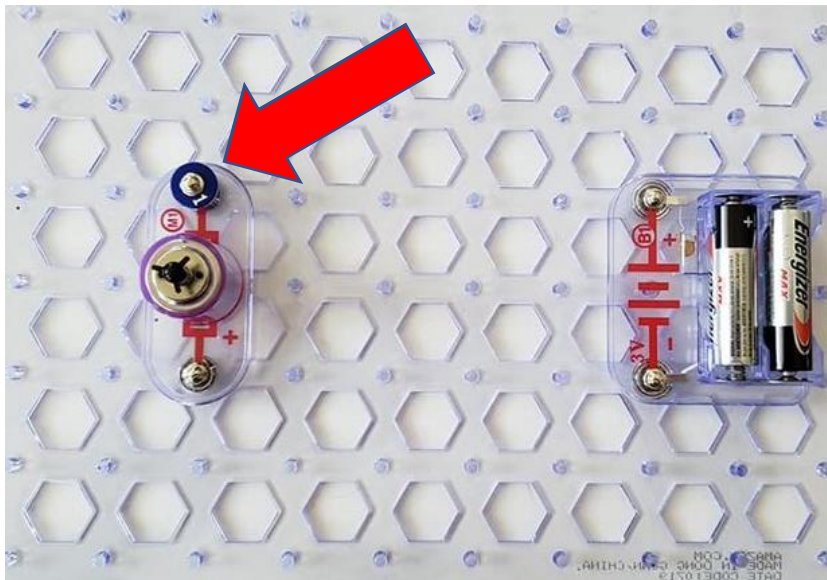
Step 2: put the battery holder on the board.

Activity 3



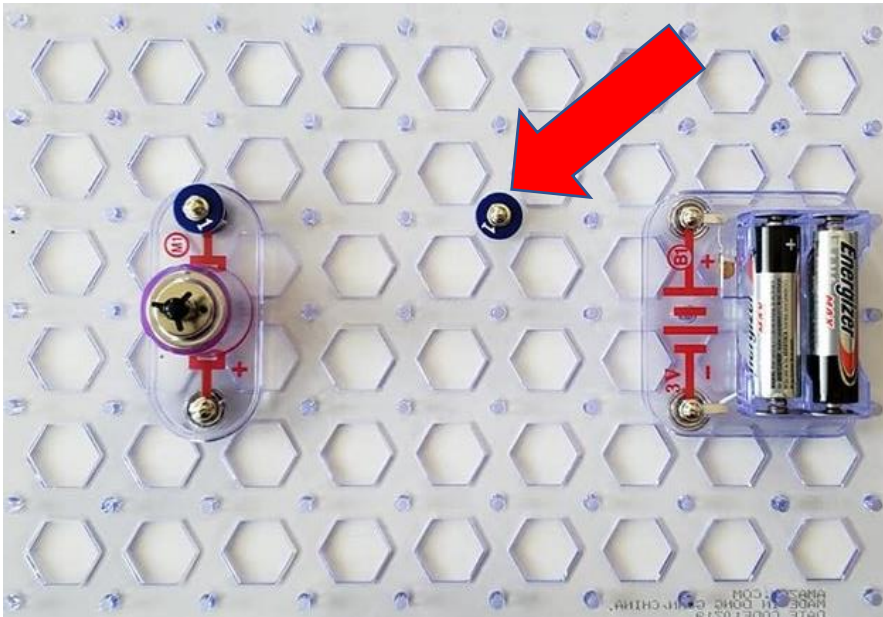
Step 3: put the motor 5 spaces away from the battery holder.

Activity 3



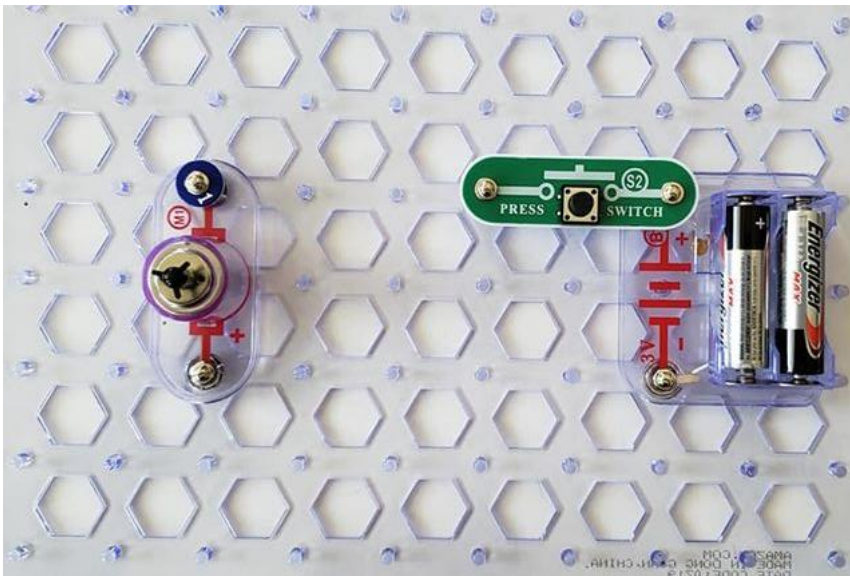
Step 4: put a 1-wire on the motor.

Activity 3



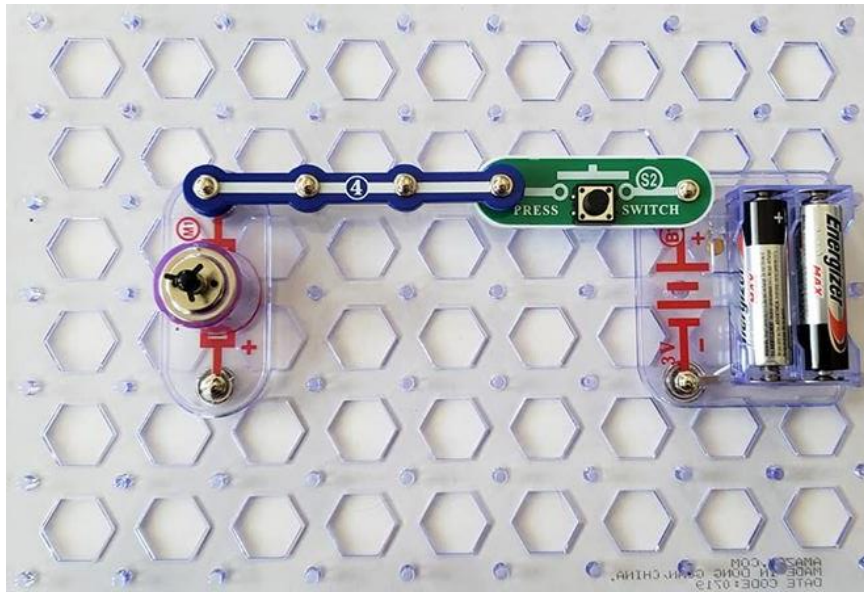
Step 5: put a 1-wire two spaces away from the battery holder.

Activity 3



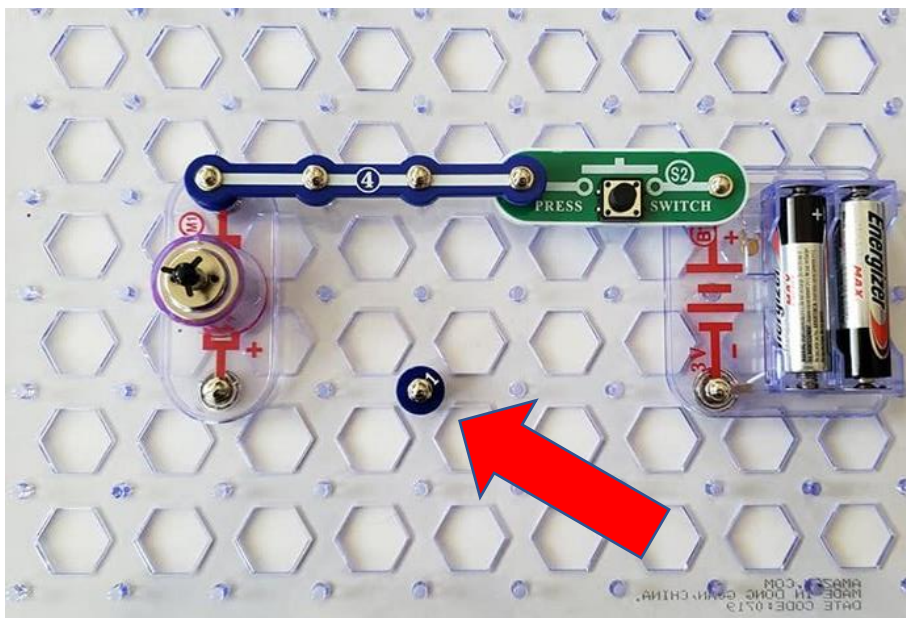
Step 6: put a green press switch on the battery holder.

Activity 3



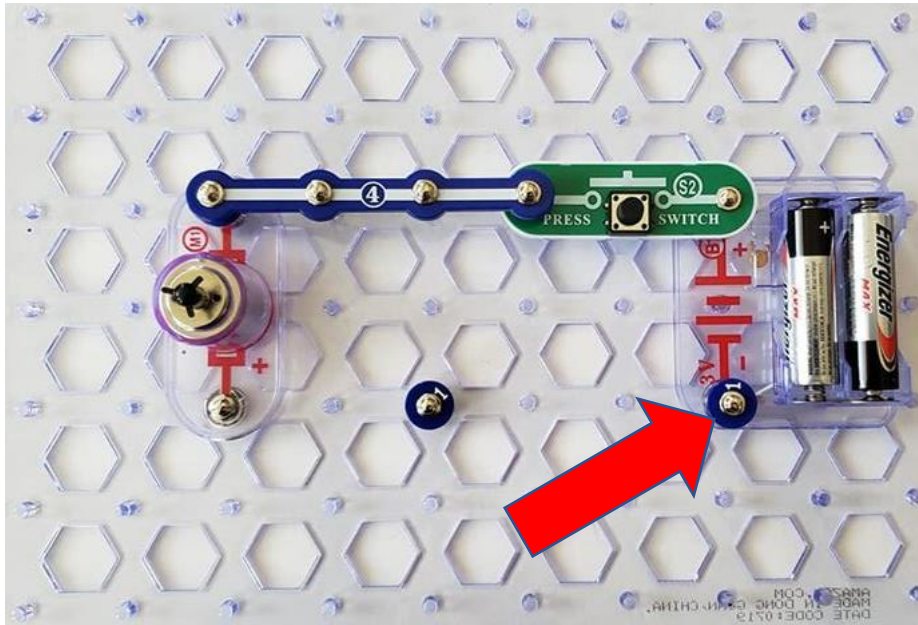
Step 7: put a 4-wire between the battery holder and the motor.

Activity 3



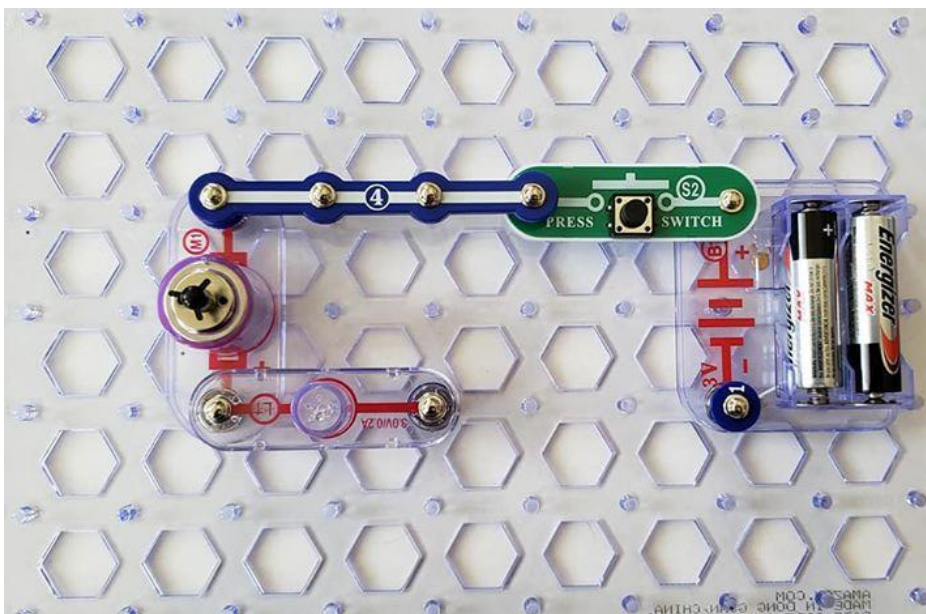
Step 8: put a 1-wire two spaces from the motor.

Activity 3



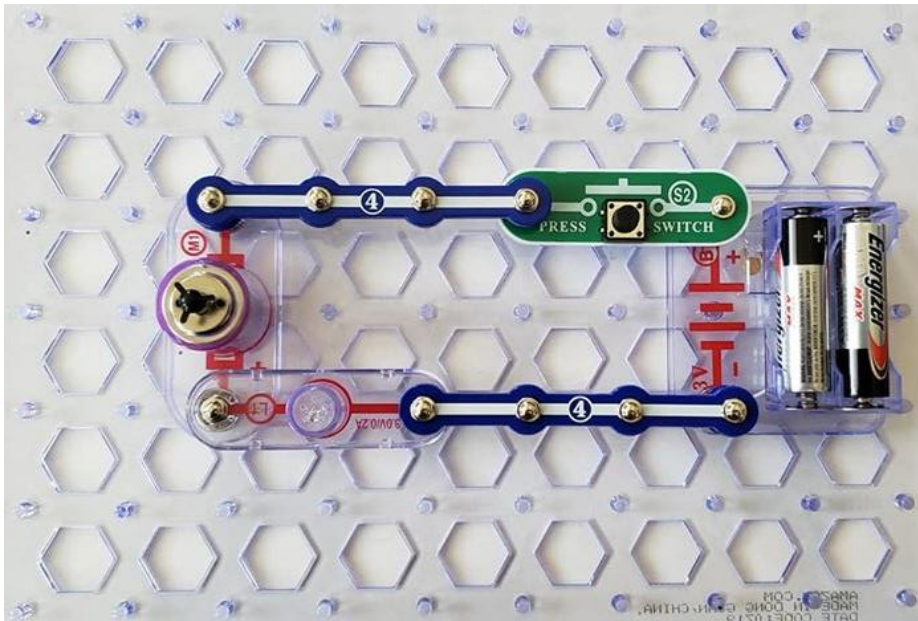
Step 9: put a 1-wire on the battery holder.

Activity 3



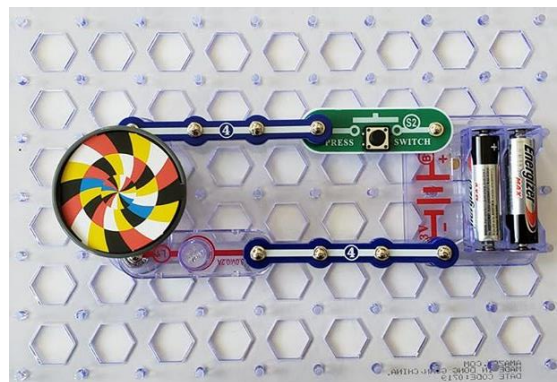
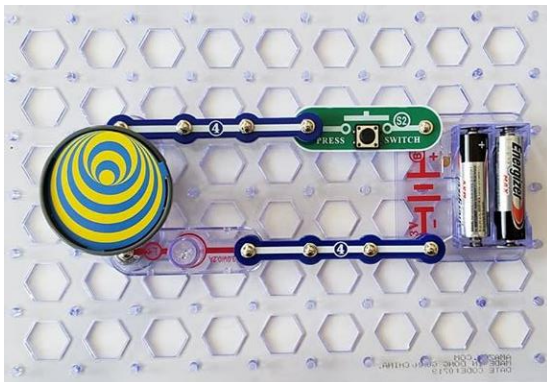
Step 10: put a light bulb on the 1-wire and the motor.

Activity 3



Step 11: put a 4-wire between the light bulb and the battery holder.

Activity 3



Step 12: put a spinner on the motor and push the press switch to make it spin.

Activity 3