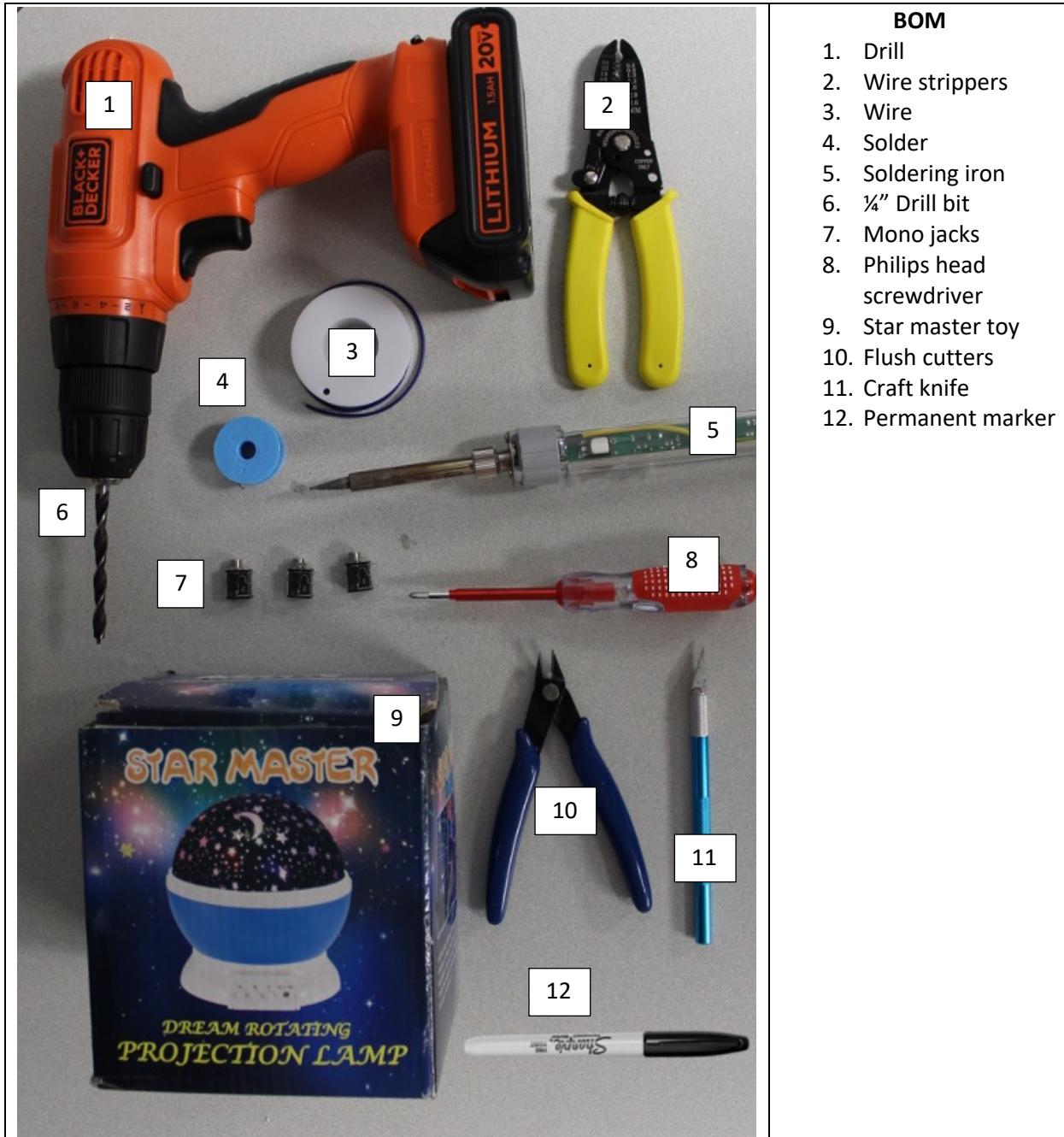


# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

### Required Components



# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

### Required Tools

- Drill
- Wire strippers
- Solder
- Soldering iron
- $\frac{1}{4}$ " Drill bit
- Philips head screwdriver
- Flush cutters
- Craft knife
- Permanent marker

### Required Personal Protective Equipment (PPE)

- Safety Glasses

### Assembly Instructions

#### Step 1

Open the toy carefully and keep the original packaging in good condition.

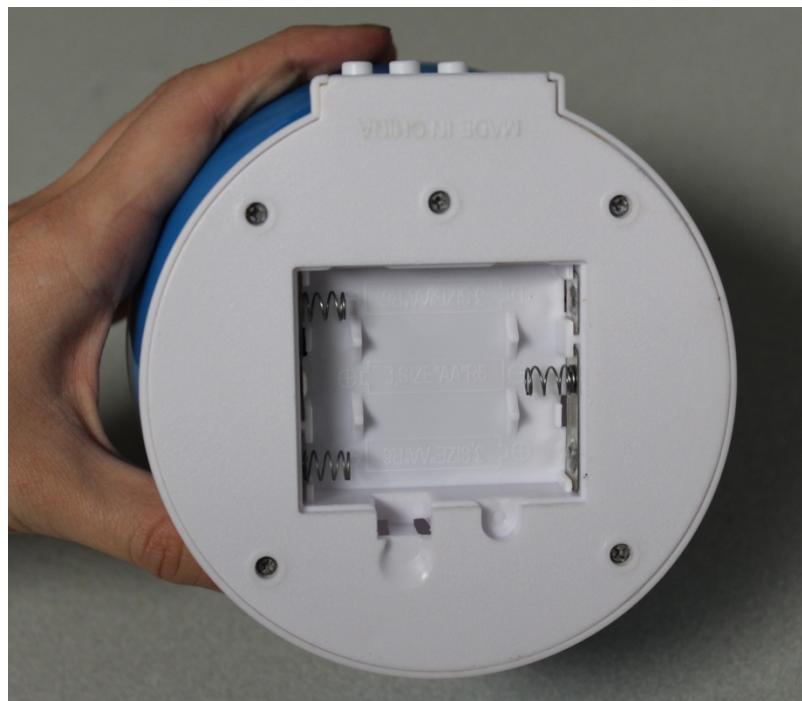


# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

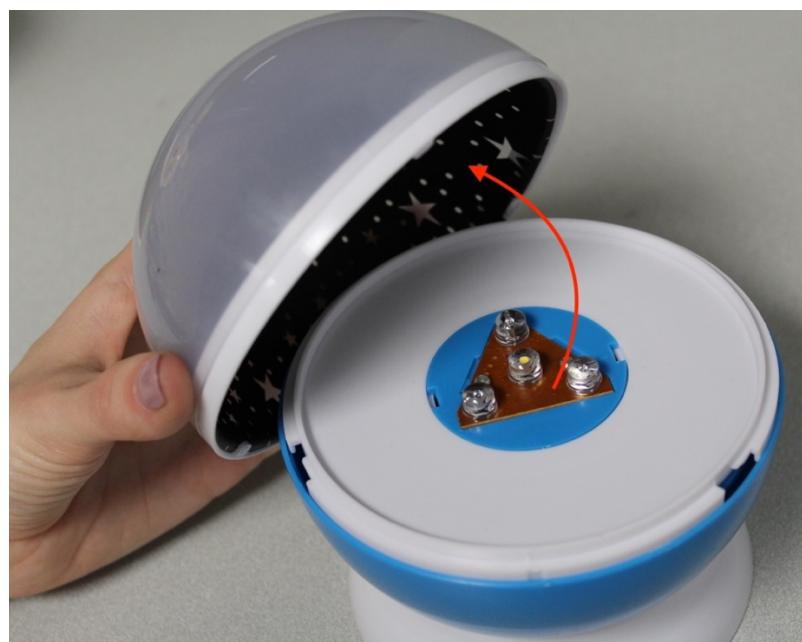
### Step 2

Remove the battery cover and ensure there are no batteries installed.



### Step 3

Remove the top of the toy.

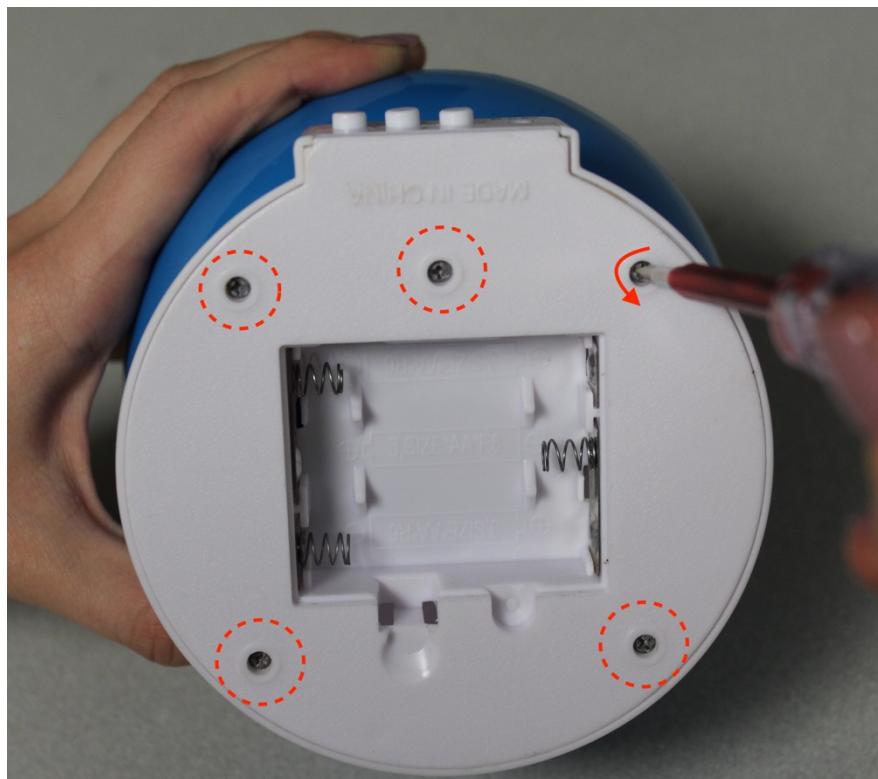


# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

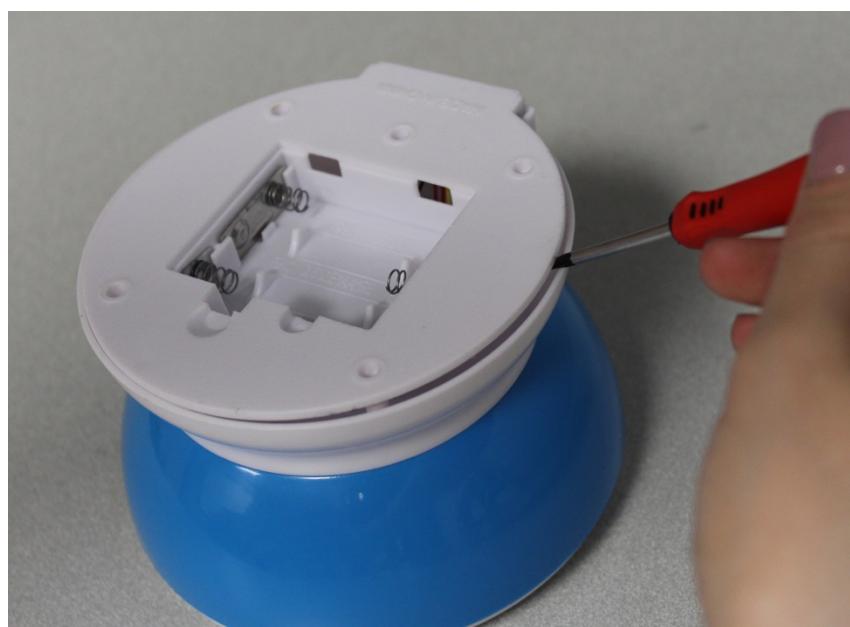
### Step 4

Remove the five screws that hold the bottom of the toy on with a screwdriver.



### Step 5

Use a screwdriver to gently pry off the back of the toy.



# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

### Step 6

Remove the three button covers from the buttons and set them aside.



### Step 7

Mark three holes to one side of the circuit board. Ensure the holes are far enough away from the edge so that the mono jack that will be installed are not interfering with where the lid sits. This is about 1 cm from the edge.

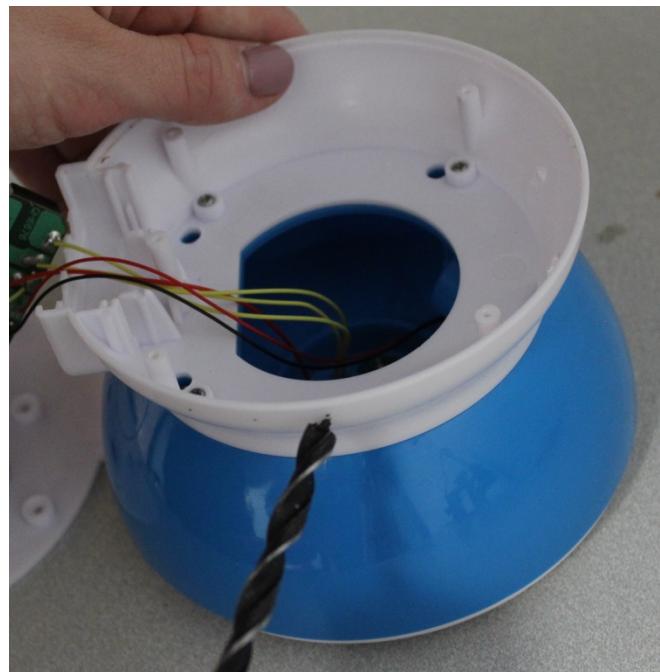


# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

### Step 8

Drill three  $\frac{1}{4}$ " holes on these marks.



### Step 9

Use a craft knife to clean the edges of the drilled holes.



# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

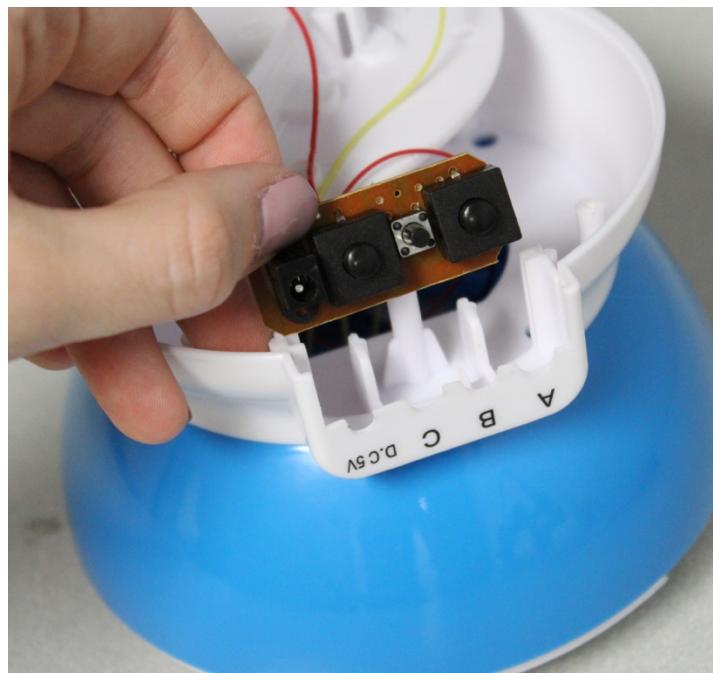
### Step 10

Cut six pieces of wire 10cm long. Strip about 0.5cm of insulation off each end.



### Step 11

Remove the circuit board from its resting place.

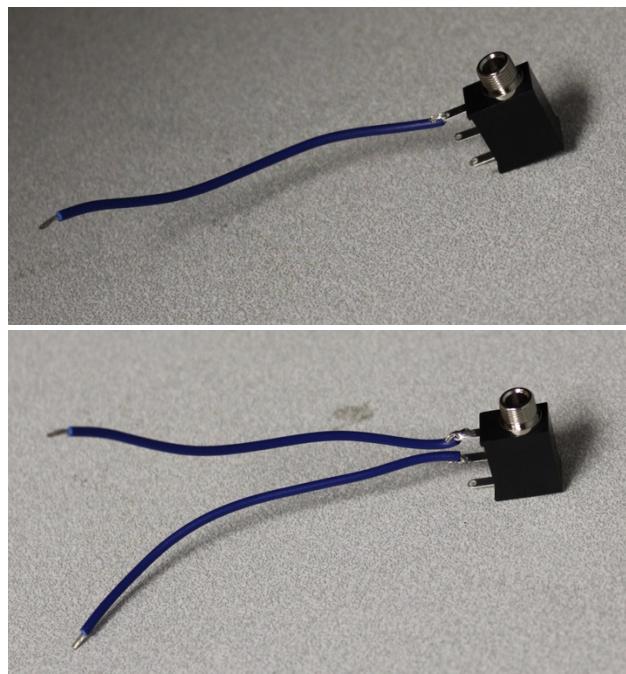


# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

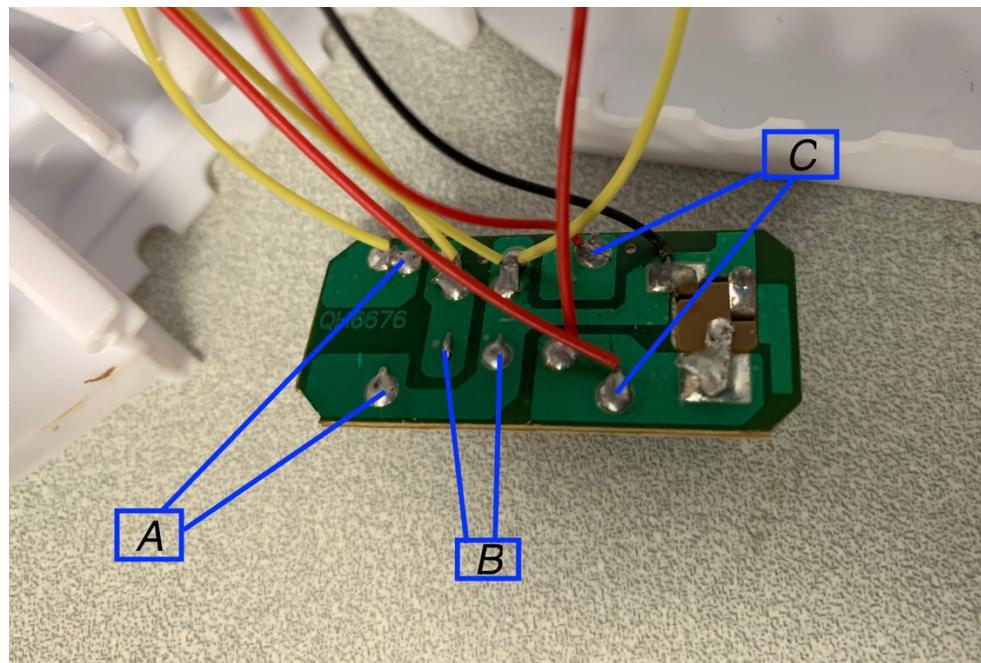
### Step 12

Solder one end of a wire onto the first leg of the mono jack. Solder one end of another wire onto the middle leg of the mono jack. Repeat for the other two mono jacks.



### Step 13

Flip the circuit board over and locate the nodes that will be soldered. Solder the wires on the mono jacks to the nodes on the circuit board shown below.

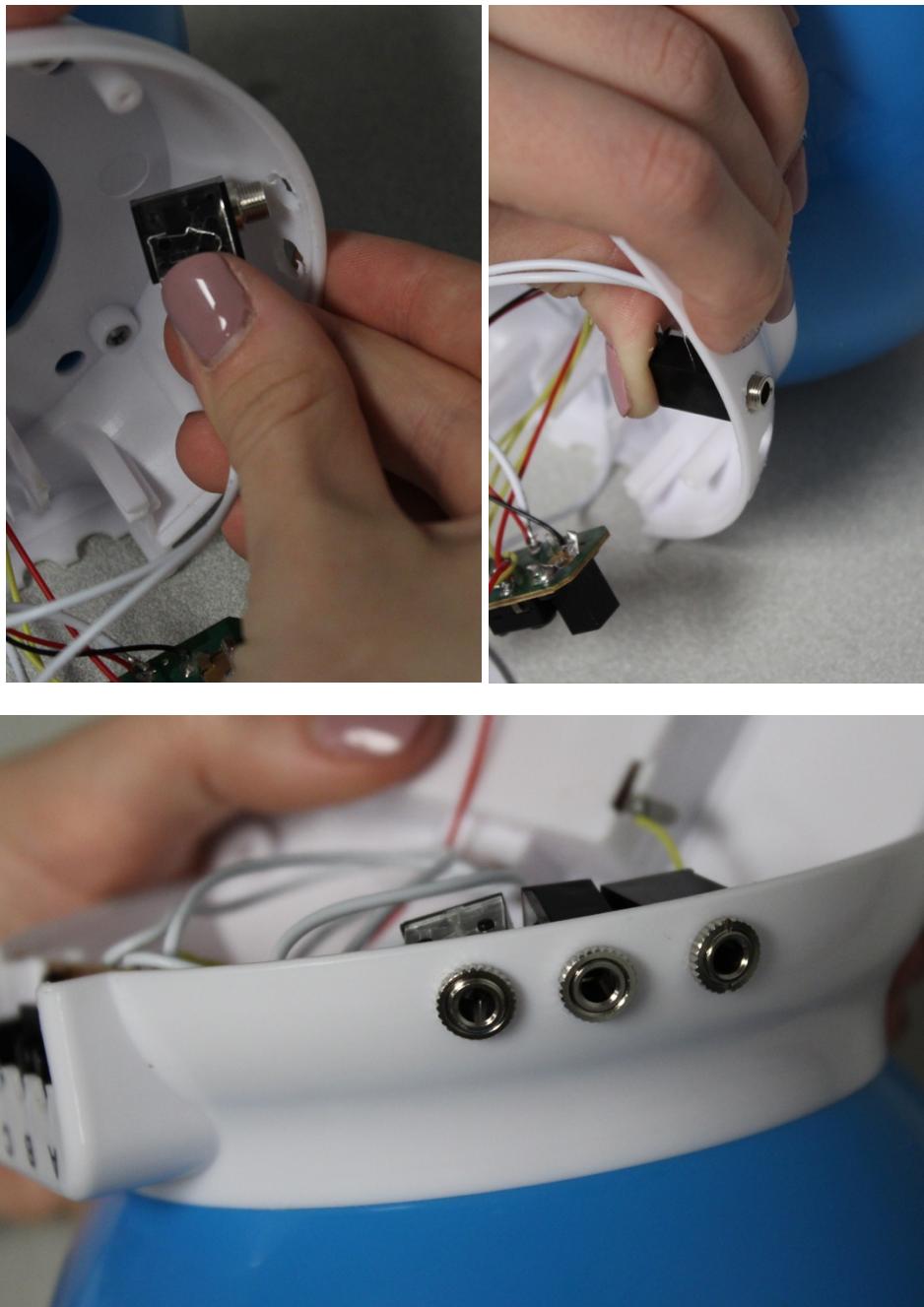


# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

### Step 14

Unscrew the nut from the mono jacks. Push the “A” mono jack through the first hole, and re-screw the nut onto the mono jack from the outside. Repeat for the “B” mono jack in the second hole, and “C” in the third hole.

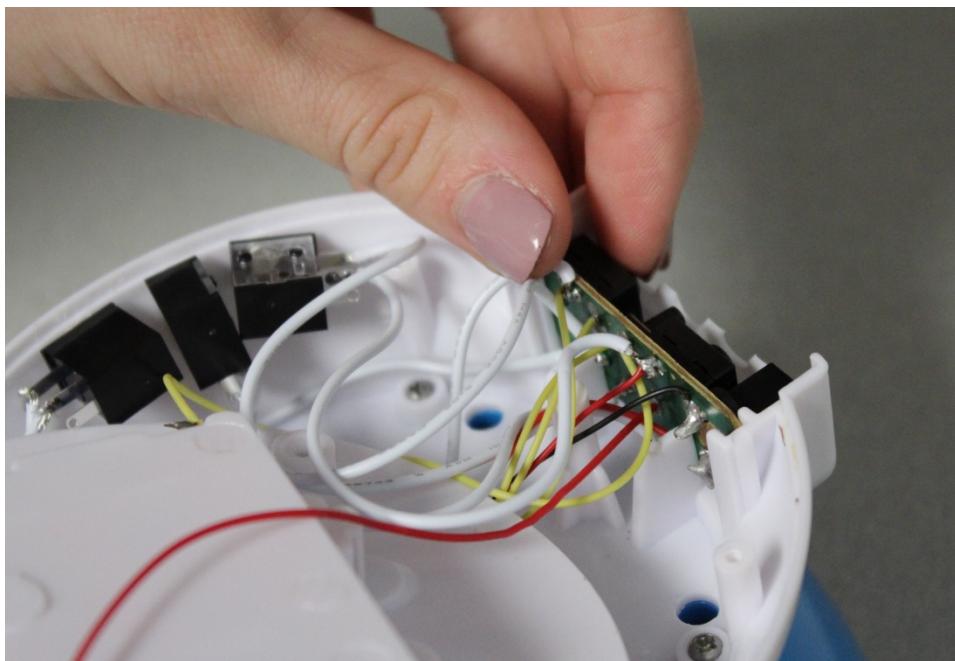


# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

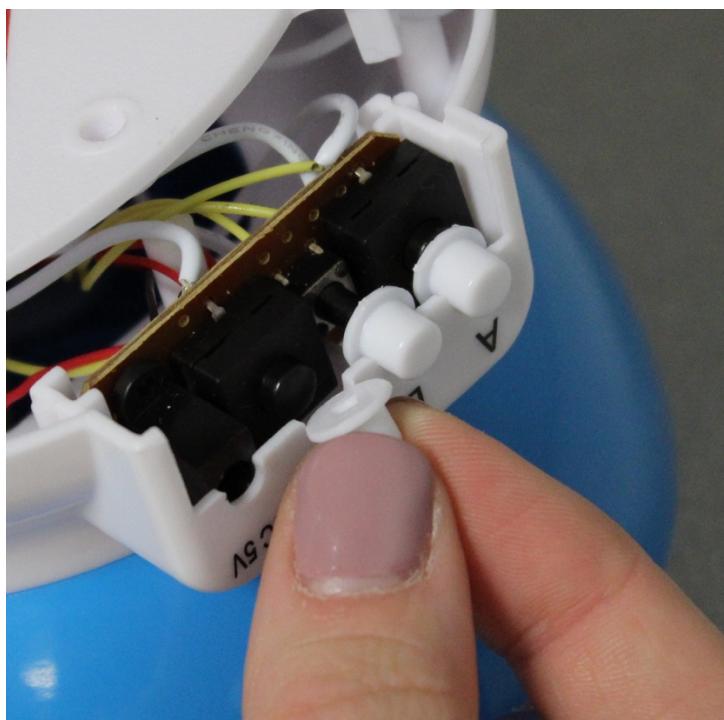
### Step 15

Push the circuit board back into its original resting place.



### Step 16

Place the plastic button covers that were removed, back onto the buttons.

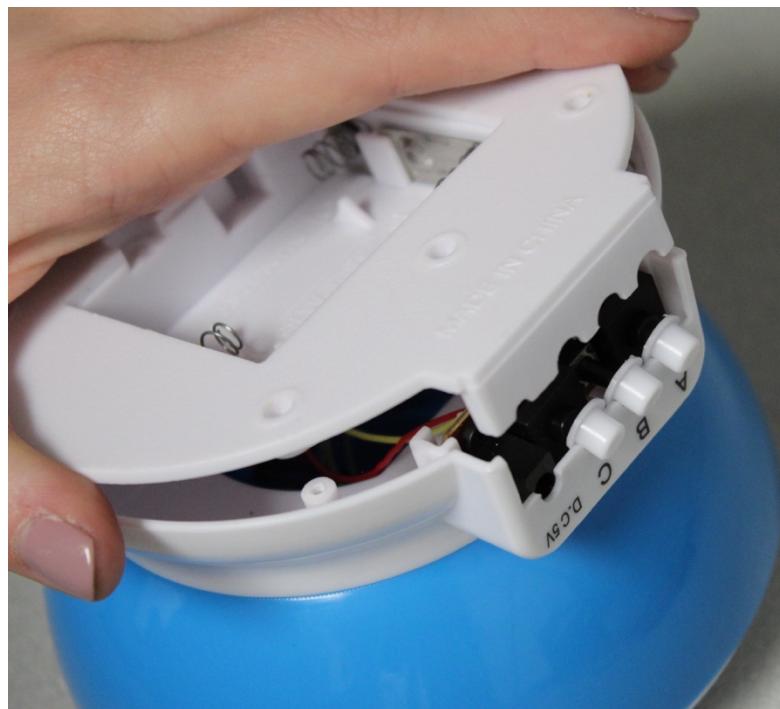


# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

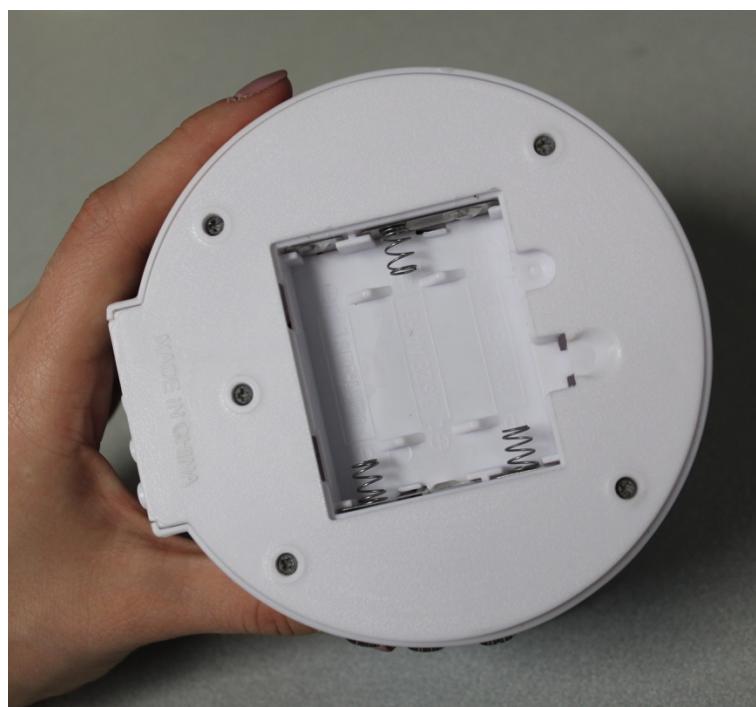
### Step 17

Place the back of the toy back on.



### Step 18

Reinstall the five screws that holds the back on.



# Star Master Projector Switch Adapted Toy

## ASSEMBLY GUIDE

### Step 19

Reinstall the batteries and put the battery cover back on.



### Step 20

Put the top sphere back onto the toy.



# Star Master Projector Switch Adapted Toy ASSEMBLY GUIDE

## Step 21

Plug switches into the mono jacks and test the toy.



## Step 22

Repackage the toy.

