

LEARN HOW TO BUILD

SWITCH ADAPTED PLUSH MUSICAL LIGHT UP TOY



MONO JACK



SCREW DRIVER



3X AAA BATTERIES



WIRE STRIPPER



2X LEVER CONNECTORS



SEAM RIPPER



NEEDLE & THREAD



3D PRINTED SWITCH

STEP 1

Carefully remove the toy from the package as we plan to reuse.



STEP 2

Open up the back of the toy and carefully pull out the battery compartment.



STEP 3

Using your screwdriver, unscrew the battery compartment and add your 3 batteries, and then screw the lid back onto the compartment.



STEP 4

Close up the back of the toy and test the toy to make sure it works and that the batteries were installed correctly.



STEP 5

Use the seam ripper (or scissors) to make a small hole on the back thigh on the leg that the foot button is on.



STEP 6

Pull out a small amount of wire. You can use the alligator clips if you want to hold the wire outside of the hole you made.



STEP 7

Cut the wire in half using your wire stripper or scissors. Then use your fingers to split the wires into two segments.



STEP 8

Use the wire strippers and strip the insulation to expose a 1/4" or so of the 2 wires that go to the body of the toy (not the toe wires).



STEP 9

Use one lever wire connector and put any one of the 2 wires from the stuffed animal into one side of the connector. Using the same lever connection use any wire from the mono jack and put into the other side of the lever connector. Ask for help if you need it!



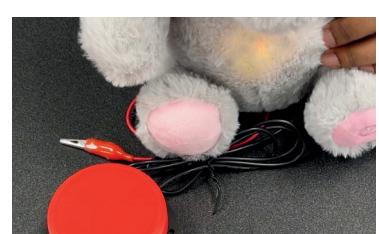
STEP 10

Take the second lever connector and repeat the steps in step 9, and connect the other wire from the body to the other wire on the mono jack.



STEP 11

Now is the perfect time to test that your wiring works. Plug in the 3D printed switch and test that the toy works.



STEP 12

Put the wire connectors back into the toy leaving the mono jack hanging out of the toy. Use your needle and thread and sew up to close the hole. Congrats you are finished!

