

Musical Drums using Touch Sensors



In this Activity, First We will construct a DIY drum and then make it musical by programming it inside the PictoBlox.

COMPONENTS REQUIRED

evive, drum's cutout, USB cable, Laptop/PC

NAME

CLASS & SECTION

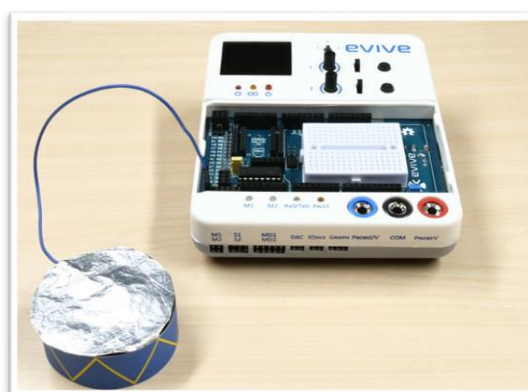
STEP 1: Cut out the drum parts using a pair of scissors.



STEP 2: To make drum surface conductive wrap it with the aluminum foil and Bend the flaps in downward direction.



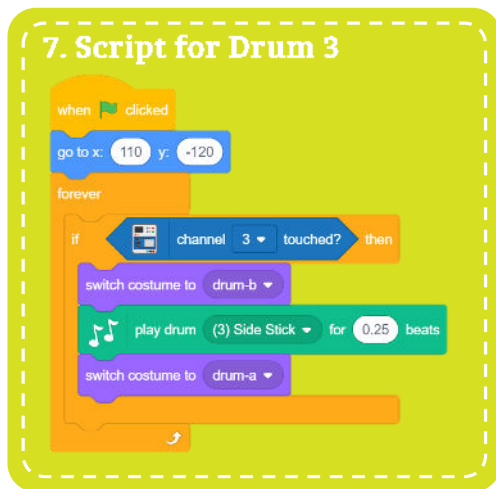
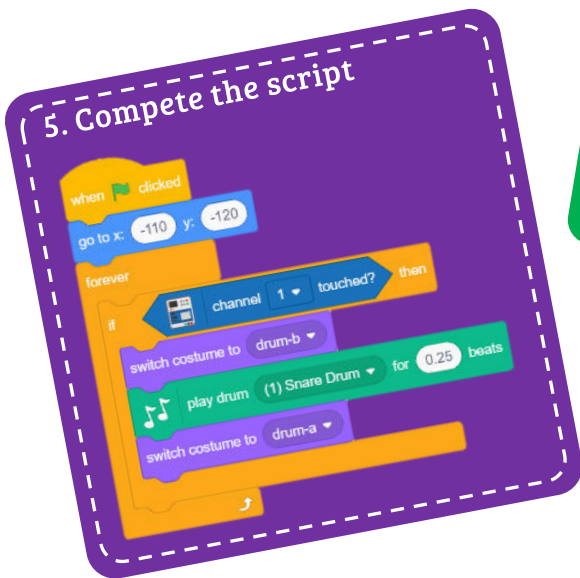
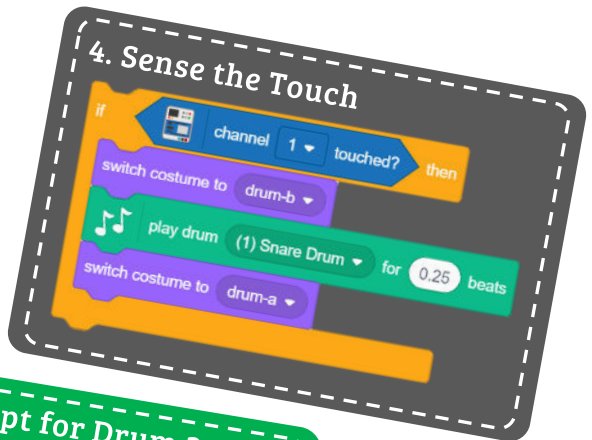
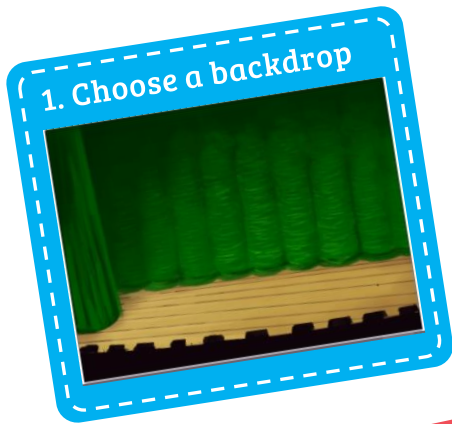
STEP 3: Roll the periphery structure, glue the open end and fix the drum's top on it.



STEP 4: Connect one end of the jumper wires to the drum and gently press the aluminum foil so that it remains in contact with its end point.

STEP 5: Connect other end of the jumper to evive's touch sensor 1.

Similarly make the 2 more drums and Connect their jumper wires to the 2nd & 3rd touch sensors of evive.



CHALLENGE

Which palette contains the “play drum block”?

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