

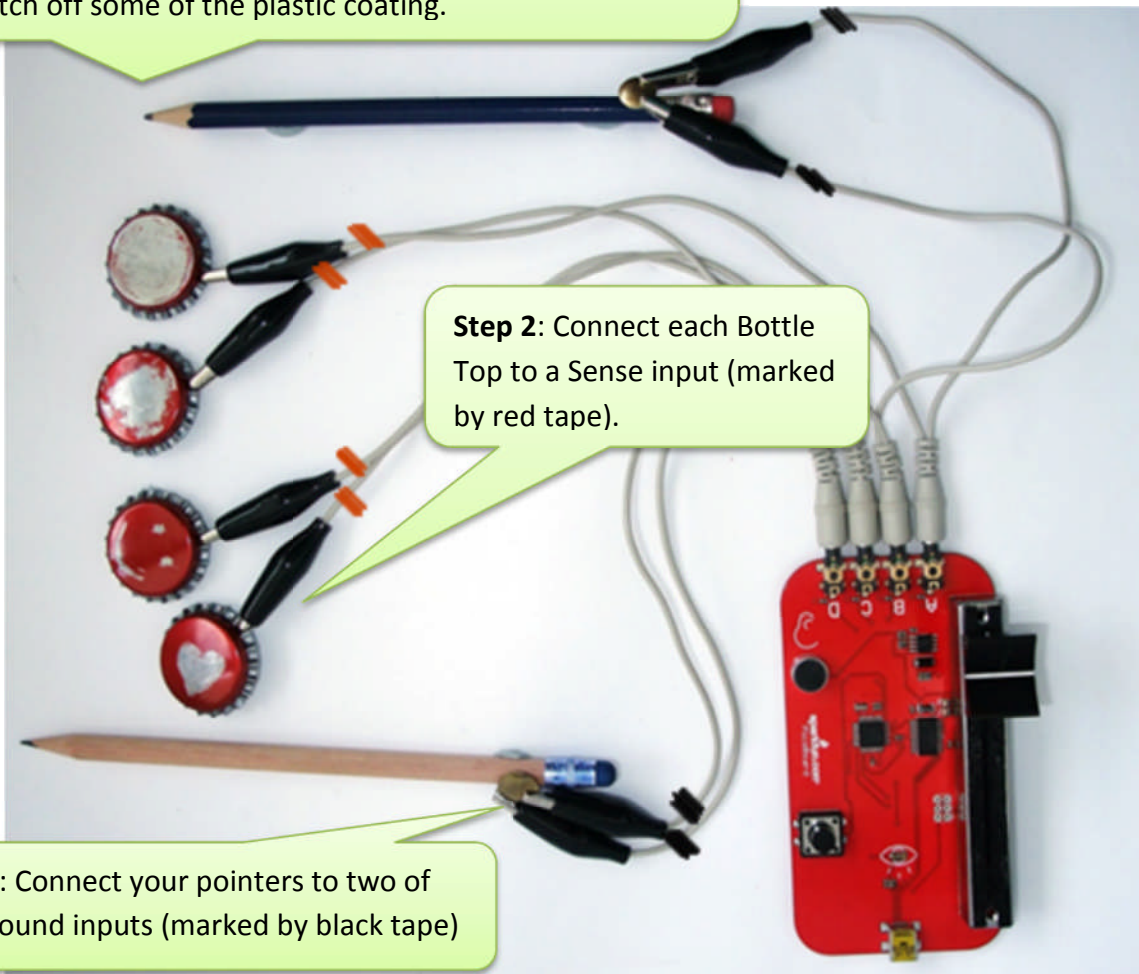
## How to make your own Bottle Top Drum Kit

This describes how to make a Bottle Top Drum Kit using the pointer sensor. Before using this sheet, you need to have identified the Senses and Grounds connections (see Senses and Grounds worksheet).

The Bottle Tops are each connected to one of the four Sense inputs (crocodile clips marked by red tape), then two pointers are connected to the Ground inputs (crocodile clips marked by black tape). The circuit is made by touching the pencil to a bottle top.

**Ingredients:** Four Bottle Tops, Two pencil pointers (Two Pencils, Two Drawing Pins), possibly a metal coin

**Step 1:** Your Bottle Tops may be plastic coated. If they are, in order to complete a circuit, connection must be made with the metal, therefore you may need to use a coin to scratch off some of the plastic coating.



**Step 2:** Connect each Bottle Top to a Sense input (marked by red tape).

**Step 3:** Connect your pointers to two of the Ground inputs (marked by black tape)

**Safety:** Please note that you use these resources at your own risk. Correct use of some components requires care.