

A visual guide of everyday sensors.

Did you know that conductive materials are all around you?

Using wires and crocodile clips to wire up your **Touch Board** and create sensors is only the beginning. Look around and explore what other objects and materials you can integrate into your project to bring your creations to life. You can connect anything conductive to the gold electrodes on your **Touch Board** to create quirky custom sensors.

Re-define what your sensor will look like. Paint or screen print conductive graphics with **Electric Paint** or other conductive inks.

Explore the objects around you. Things plated or made with metals make great sensors! Get some conductive thread or fabric, grab some metal buttons, snaps and clips or even scissors. All of these could make great sensors for wearables.

Use your environment! Raid your kitchen for spoons, tins, or kitchen foil, steel wool will make an unexpected pressure sensor.

To see what others have done or to share your own creations visit our community page at

bareconductive.com/make

Paint a Sensor

The sky is the limit of what a sensor could look like. Grab some **Electric Paint** and paint some sensors straight off the **Touch Board**.

Illustrate, stipple or screen print interactive graphics on any material you can imagine. The **Touch Board** is your gateway to a whole new world of interfaces.

Don't stop exploring. Try other conductive graphical mediums such as pencil lead or other conductive pens.

Hack-a-plush

Make your plush talk! Find something old and give it a whole new dimension. All you need is a bit of conductive thread, nimble fingers and a toy of course!

Conductive thread and fabrics make great, tactile interfaces for wearables. Metal buttons, snaps and safety pins, or even jewellery, make unusual connectors and switches.

There are loads of silver plated threads and metal woven textiles you can buy online. Or you can make your own by soaking a piece in **Electric Paint**.

Musical Kitchen

Imagine all your pots, pans, forks and spoons becoming an orchestra! All you need is your cutlery and some copper tape!

There is not a better place to start with conductive objects than your kitchen.

Metal pots and pans, knives, forks spoons and the like are all great sensors. But remember that water is a great conductor as well, which means that anything with high water content will also work — fruit and veggies make tasty sensors.

