

# We're Electric

## Try It Out

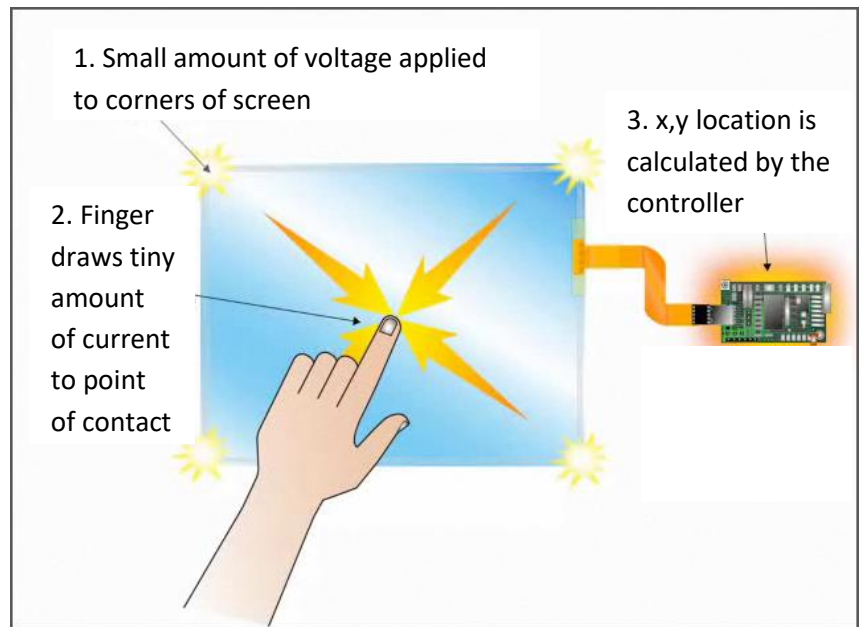
Hold the tube with one hand on each end, touching the silver strips. Try just barely touching the strips, then try with your hands completely wrapped around each end.

## What's Going On?

Usually electricity travels through wires, like the kind leading to the lights inside the tube. But electricity flows through other substances, too. Things that electricity flows easily through are called **conductors**, and that includes us! When you touch both ends of the tube, you allow electricity to flow up one arm, across your chest, and down the other arm to complete the circuit and make the lights flash and the sound turn on.

## Why Does It Matter?

This tube generates a very small, safe amount of electricity. But knowing how easy it is for electricity to go through us is a helpful reminder to be safe around more *powerful* electricity, like the kind from the outlets in your house. Lots of cool stuff works by toying with the electrical potential of your body. The touch screen on your phone wouldn't work without sending a tiny electrical current into your body.



*Capacitive touch screen, a common form of touch tech (Image: Daily Diary Stuff)*

## Wonder While You Walk...

How else does electricity travel? What does it travel through? What other ways can we take advantage of the electrical nature of our bodies?



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