

Anatomy of the Breadboard

A breadboard is a circuit-building platform that allows you to connect multiple components without using a soldering iron.

POWER BUS

Each side of the breadboard has a pair of vertical connections marked – and +

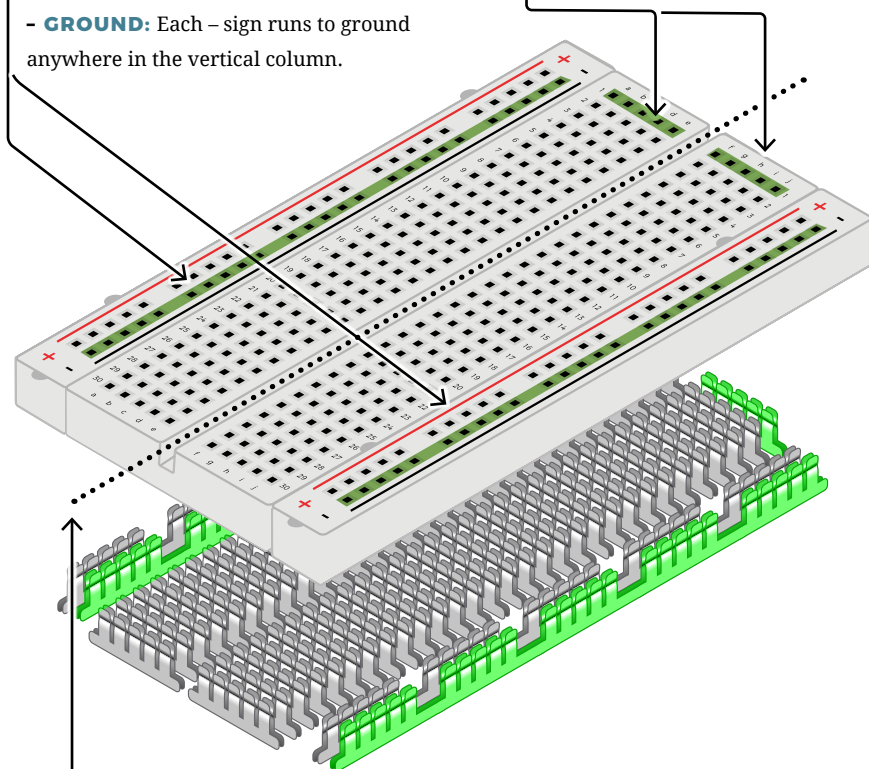
+ **POWER:** Each + sign runs power anywhere in the vertical column.

– **GROUND:** Each – sign runs to ground anywhere in the vertical column.

HORIZONTAL ROWS

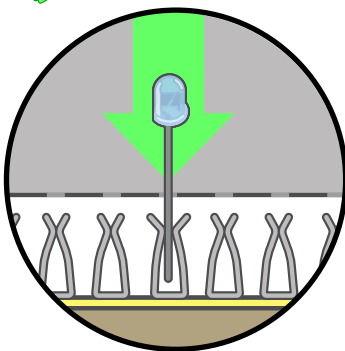
Each series of 5 sockets marked a–e and f–j are connected.

Components connected to a row will be connected to any other part inserted in the same row.



CENTERLINE

This line divides the breadboard in half, restricting electricity to one half or the other.



MAKING A CONNECTION

Most of the components in this kit are breadboard-friendly and can be easily installed and removed.