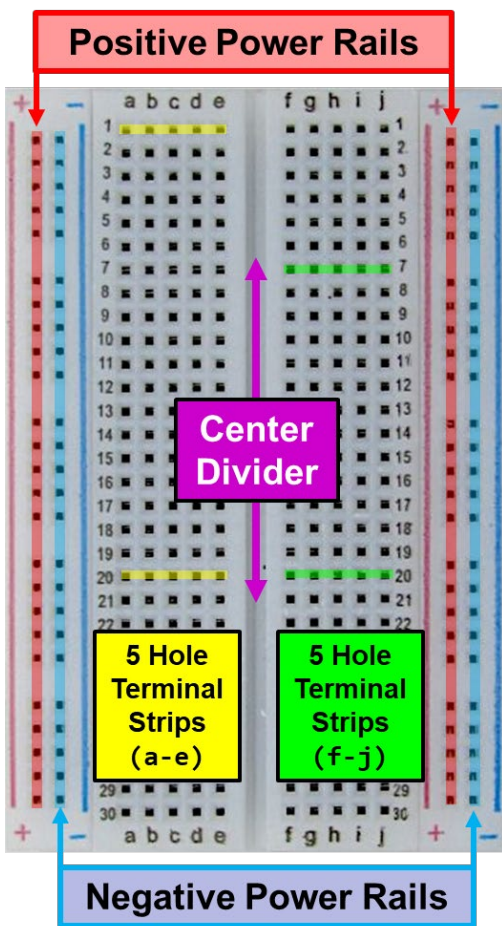
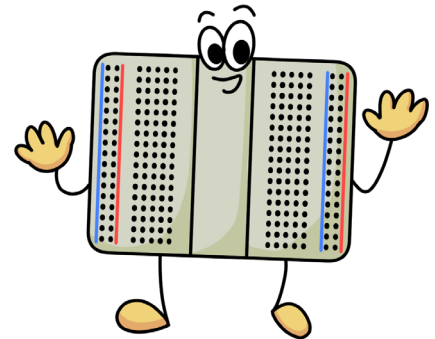


Use my 'Power Rails' to make connections on the breadboard

On the breadboard, the red and blue vertical columns are connected. These columns are called Power Rails. Use the red Power Rail to connect your circuit to battery power (+) and the blue Power Rail to connect the circuit to the ground (-) end. Remember, the Power Rails on the right and left are not connected together, unless you connect them with a jumper wire!

Breadboards have a sticky back that let you adhere it to any surface!

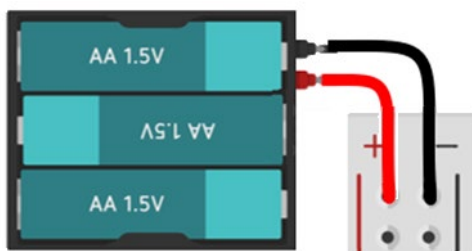


Note: The terms “power” and “ground” are used to describe the positive (+) and negative (-) terminals of the battery. If you use the rails as described, then the red would be power, and the blue would be ground.

The breadboard connects all the components in the circuit together. The highlighted areas indicate how the rows are connected as well as the Power Rail columns.

Note: More than one breadboard can be joined together to create a larger area to build circuits!

The letters and numbers on the breadboard are for reference only. They are used to identify the exact location of a pin hole anywhere on the breadboard!



The power rails are not powered until connected to a power source (battery).



Chips are inserted across the center divider, making it possible for each pin to have a dedicated row so multiple connections can be made each individual pin on the chip!

