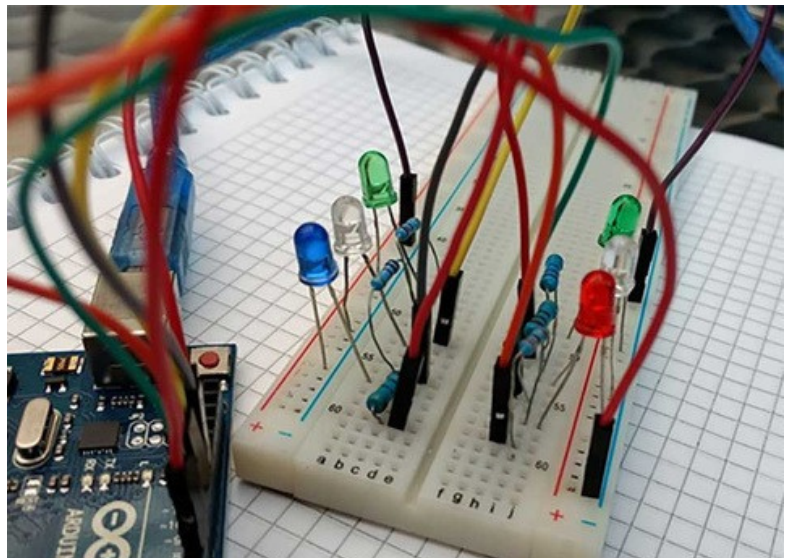


Tinkercad Circuit

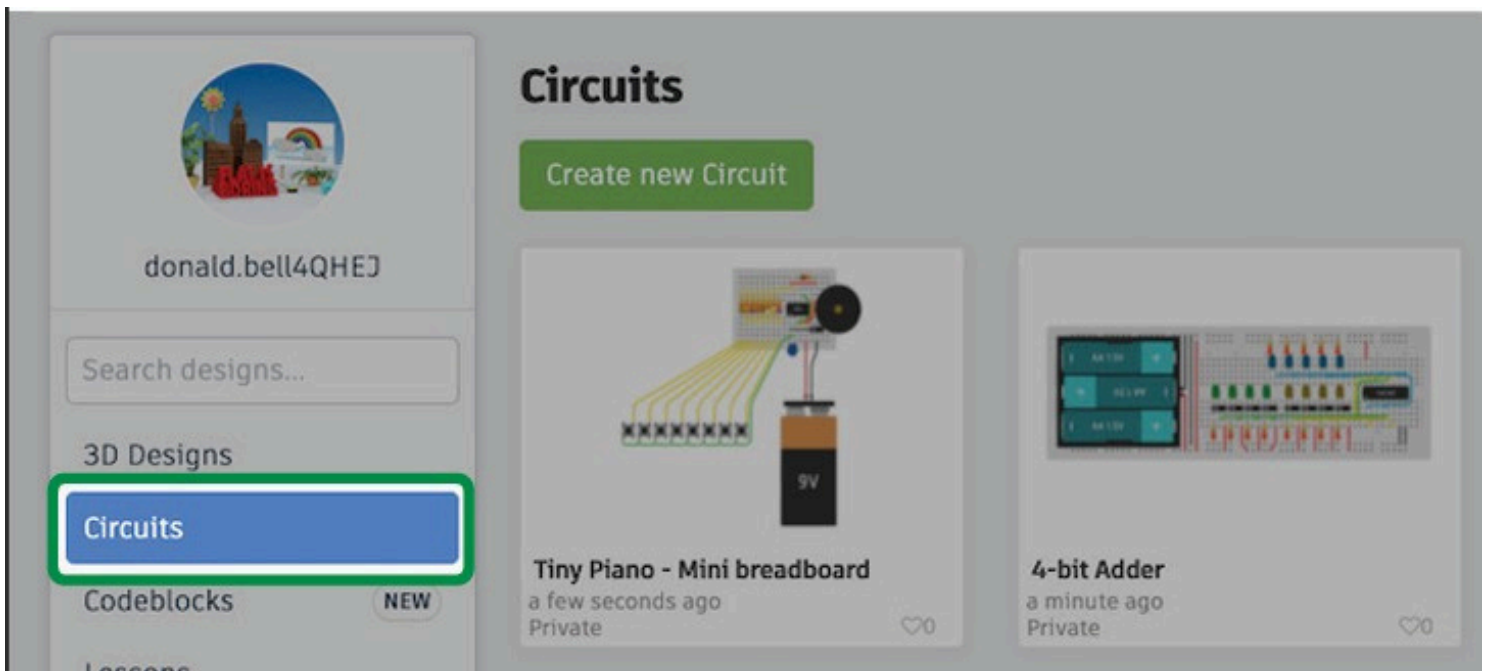
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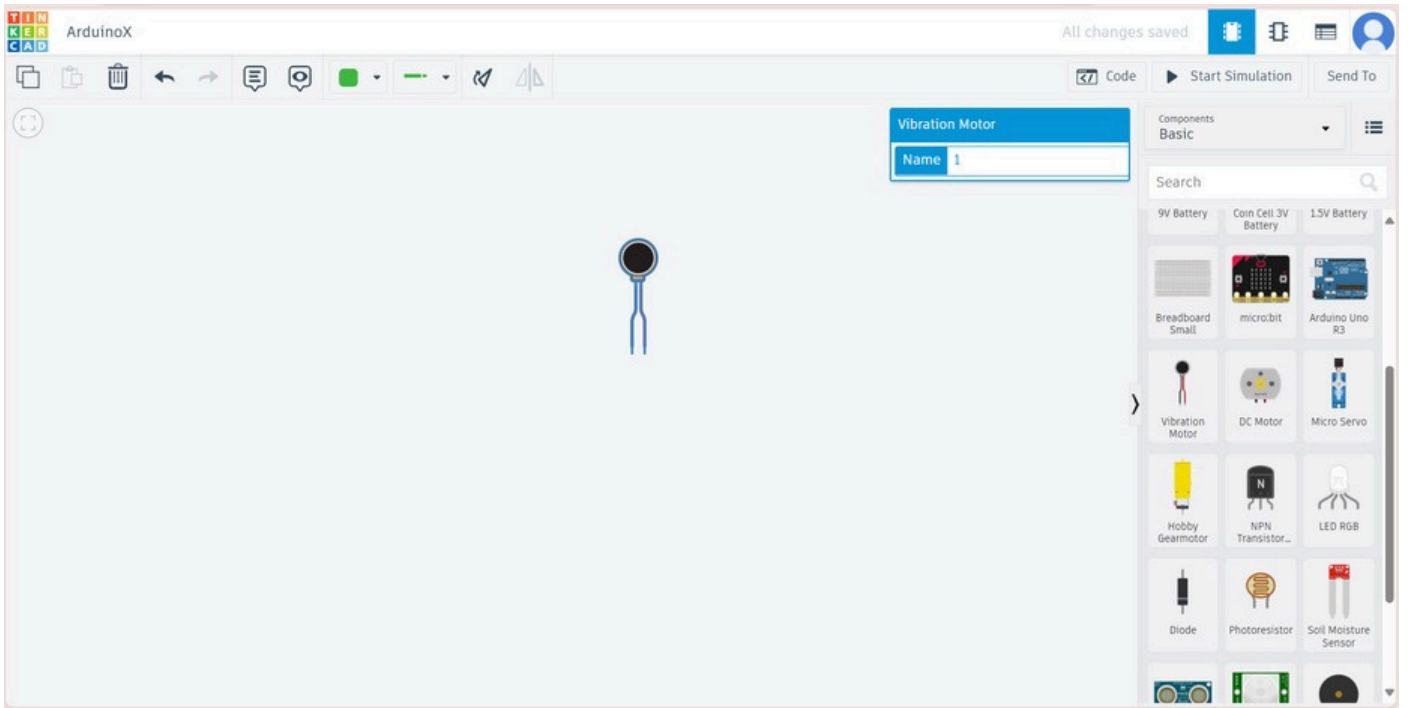


Exploring Circuits

After signing in to Tinkercad you'll find a dashboard of your recent designs. By default, this dashboard will showcase designs made with Tinkercad's 3D editor. To see a view of your Circuit designs, simply click the Circuits link in the left menu.



From this Circuits view you can scroll through any of your existing creations, or create something new by clicking the Create New Circuit button.



You'll find a large workspace on the left for creating your design. On the right side you'll see a panel filled with components you can drag and drop into the workspace to create your circuit.

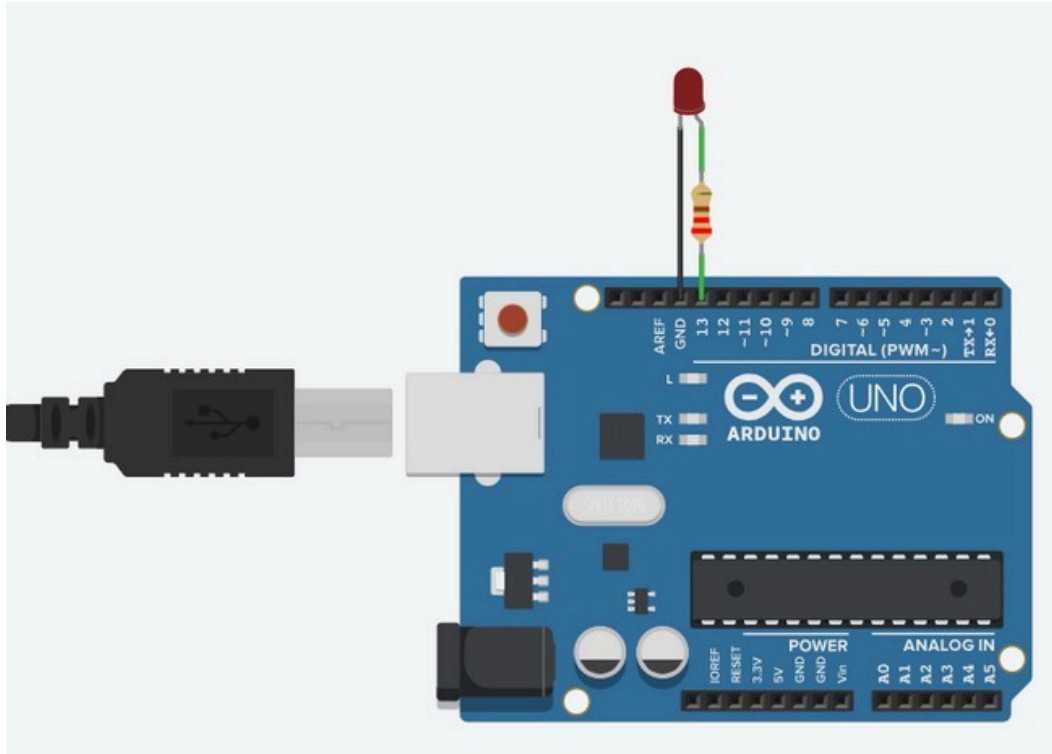
The workspace in Tinkercad Circuits is like a flat area where you work on your designs. Imagine it as a piece of paper where you arrange your components.

To move components (like resistors, LEDs, etc.), just click on them and drag them around. It's like rearranging objects on a table.

If you want to see different parts of your design, click and drag the empty space around it. It's like moving your view in a video game.

Use your mouse scroll wheel or trackpad gestures to zoom in and out. Think of it like zooming in on a photo.

There's a button in the top left corner that centers your design and makes it fit the window. You can also press the letter "F" on your Keyboard for the same effect.

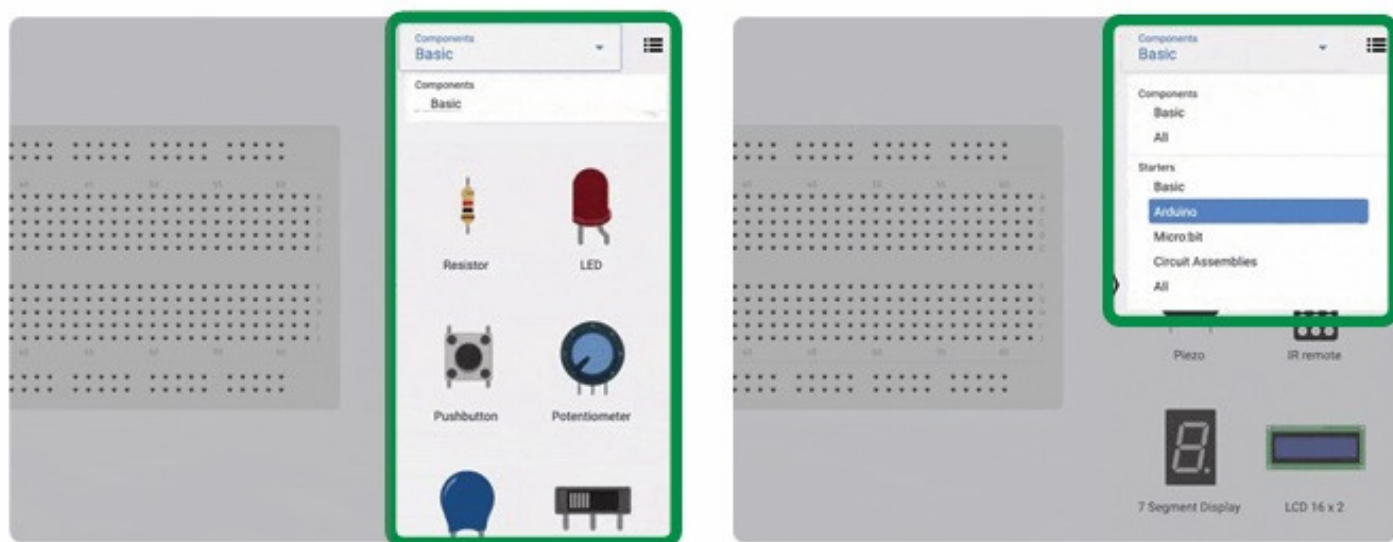


If this is your first time using the Circuits editor, it's better for you to explore the different buttons and options available to you in the menu bar across the top.

Hovering your mouse over any of the buttons should reveal an explanation for what it does, as well as any Keyboard shortcuts that accomplish the same command

Likewise, spend a minute browsing some of the other options and menus available in the component panel. By default, the Circuits editor presents you with a selection of the most popular basic components for learning electronics.

To access more components, use the dropdown menu to select the All Components view, or search for specific components using the search bar beneath the menu.

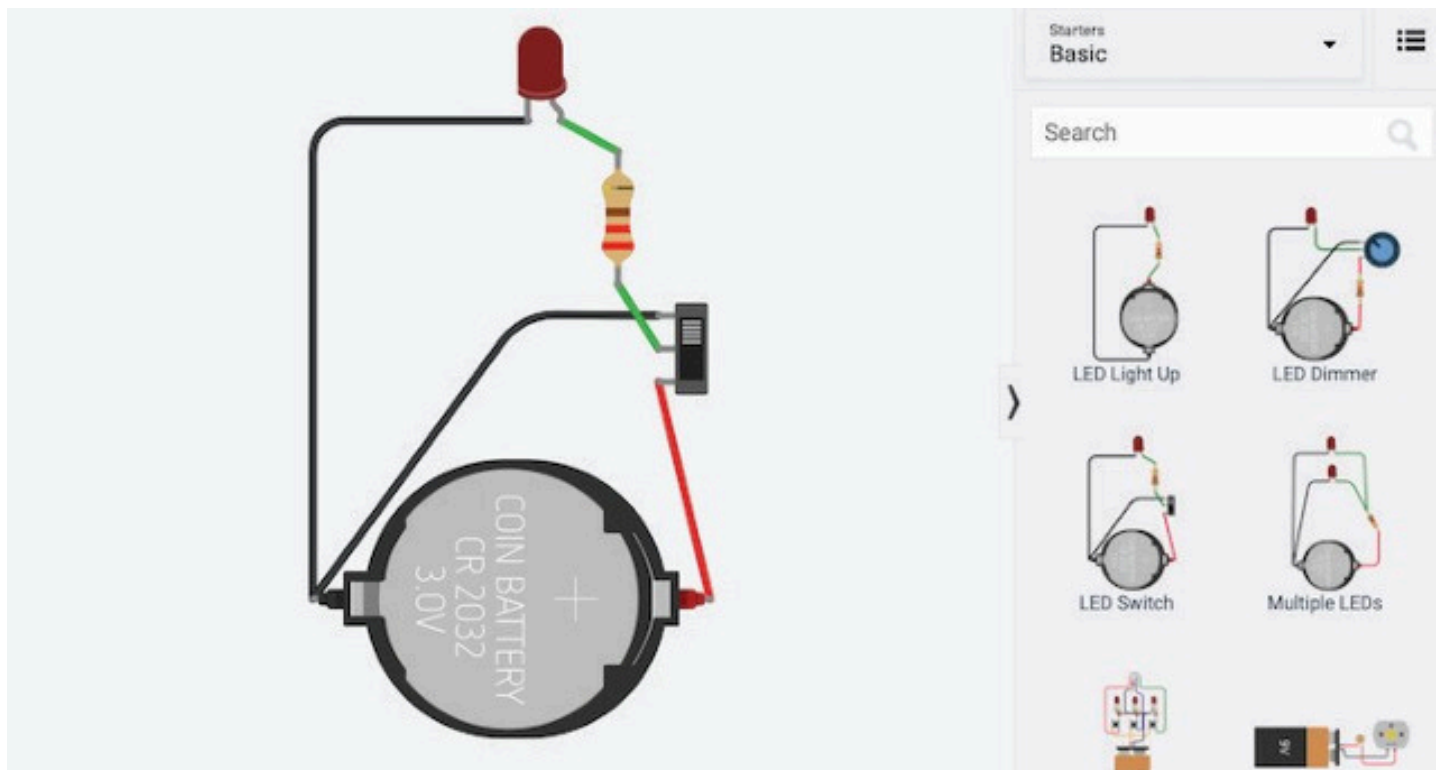


You'll also notice that there are more components in this menu. Further down, you'll find a selection of Starters. These are pre-made circuit examples that users can drag into the workspace, simulate, edit, and mix.

These Starters fall into four main categories: Basic, Arduino, Micro:bit, and Circuit Assemblies.

Every one of our Starters comes to life in some way when the Start Simulation button is pressed.

Basic Starters are made from the kind of common electronic components typically used to introduce user to electronics (LEDs, batteries, hobby motors, resistors, and switches). These examples use no microcontrollers, and no code.



With Arduino Starters, user can see the kind of advanced interactions that are possible with programmable microcontrollers.

Each of the Arduino Starters include a code view, which user can directly edit using a built-in blocks-style interface, a text-based editor, or a combined view.

