

# Virtual Breadboard Arduino Test

## *Physical Science and Technology*

For this activity you will use the virtual breadboard available through the 123D Circuits app located at <https://123d.circuits.io>. You will need to create an account: click on the “Sign in” button in the top right-hand corner of the screen and click “more providers”. Choose “Sign in with Google” and enter your Corvallis School District Google ID and password.

Once you’ve signed in, click the “+ New” button and choose “New Electronics Lab”. Then, click on the “+ Components” button and select “Arduino Basic Kit”. Scroll down until you see an Arduino uno – drag that and drop it onto your workspace.

Now click on the “Code Editor” button at the top right-hand side of your workspace. When the code appears, click “Upload & Run”. If the orange LED light is blinking, congratulations! The test was successful. Let a teacher know the result of your test.