

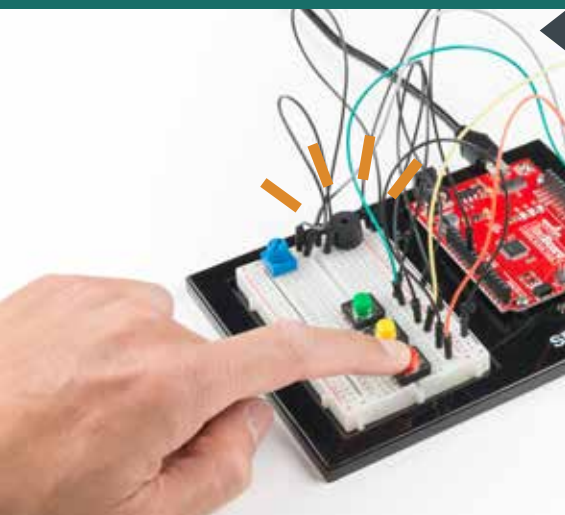
Open the Arduino IDE

Connect the RedBoard to a USB port on your computer.

Open the Sketch:

File > Examples > SIK-Guide-Code-master > **SIK_CIRCUIT_2B-DIGITAL TRUMPET**

Select **UPLOAD** to program the sketch on the RedBoard.



WHAT YOU SHOULD SEE

Different tones will play when you press different keys. Turning the potentiometer will adjust the volume.

PROGRAM OVERVIEW

- | | |
|---|---|
| 1 | Check to see if the first button is pressed.
A: If it is, play the frequency for c.
B: If it isn't, skip to the next else if statement. |
| 2 | Check to see if the second button is pressed.
A: If it is, play the frequency for e.
B: If it isn't, skip to the next else if statement. |
| 3 | Check to see if the third button is pressed.
A: If it is, play the frequency for g.
B: If it isn't, skip to the else statement. |
| 4 | If none of the if statements are true, turn the buzzer off. |