

## micro:bit Sound

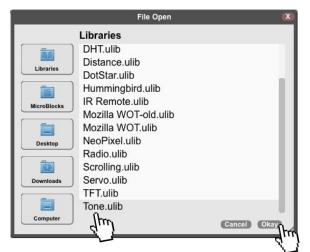
## Connect the micro:bit to MicroBlocks.



Connect a sound device to the BBC micro:bit using alligator clips or an extension board. In this example, we are using a piezo speaker connected to a ring:bit extension board.

Next, import the **Tone** library.





To play a tone, start by dragging an attach buzzer block to the scripting area and change the number to the pin that is attached to your speaker. In this case, the piezo is attached to pin 0.

attach buzzer to pin 0

Snap different *play note* blocks together to make music! Can you finish this song?

Add a *play note* block and select the note, octave, and duration. Play around

```
when started
attach buzzer to pin 0
play note G# octave 3 during 500 ms
```

with these to make different tones!

when started
attach buzzer to pin 0
repeat 2

play note C octave 1 during 400 ms
play note D octave 1 during 400 ms
play note E octave 1 during 400 ms
play note C octave 1 during 400 ms