Instructor: Let's look at how to bring new audio files and new sound recordings into EarSketch. This is designed for short files that you might want to use with makeBeat() or fitMedia() or other functions like that.

And there's a couple of ways that you could do it. They're all accessible from the Sound Browser, so if your Sound Browser isn't showing yet, make sure to click on the icon to make it show up in the left side bar.

And then click the blue ADD YOUR OWN SOUND link to add your own sounds. Now there are two ways that you can add sounds in EarSketch. The first is that you can upload and audio file that you already have on your local computer. So if I click the File Upload button, I can choose a file in any common audio format like WAV, AIFF, of MP3.

So go ahead and choose a file here. And then I can give it a name and that's the name that will show up in the Sound Browser and that I’ll use that the sound constant in EarSketch. Also if you know the tempo of it, you should enter the tempo here as well. That will enable EarSketch to automatically scale the speed of playback of the audio file based on the tempo of any particular EarSketch script that's been specified with the setTempo() function so this sound file will sync up with all the other sounds that you're using in your music.

I'll go ahead and upload this. And now to find your sound file, if you go to the Artists filter Sound Browser you can see my username is now showing up as one of the artists. And if pick that, you can see the file I just uploaded. And you can play it and you can insert it into your EarSketch scripts the same way that you would with any other file from the Sound Browser.

Now you can also record your own sounds directly inside of EarSketch. And for that we use the Quick Record button. And I can specify a tempo I want to record at. I can also specify a number of measures I want to record. So in this case I'm recording two measures worth of audio and I'm getting one measure of the metronome clicking first so that I know exactly where the tempo is before I start recording.

[four electronic metronome beats]

♪ This is a 2-measure recording. ♫

And now you can see the wave form of the sound I recorded. I can also listen back to it to see if I like it.

[plays recording] ♪ This is a 2-measure recording. ♫

And of course, I can give it a constant name as well. And then I can upload that as well. And now you see that showing up under my artist name in the Sound Browser as well.

[plays recording] ♪ This is a 2-measure recording. ♫