Programmer's Name _____

Let's make noise

Do you remember that Edison has a sound sensor? It is the sensor that lets Edison detect loud sounds, like when you clap your hands.
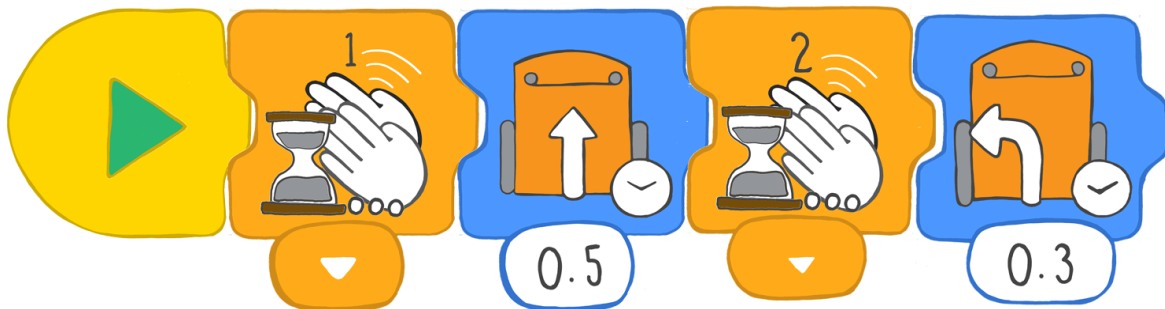
We can make a program that uses the sound sensor. Let's make a program that tells Edison to wait for a clapping sound before taking the next action in the program.

What to do with EdBlocks

Go to the EdBlocks app online at www.edblocksapp.com

Using the EdBlocks app, arrange the blocks into the program below.

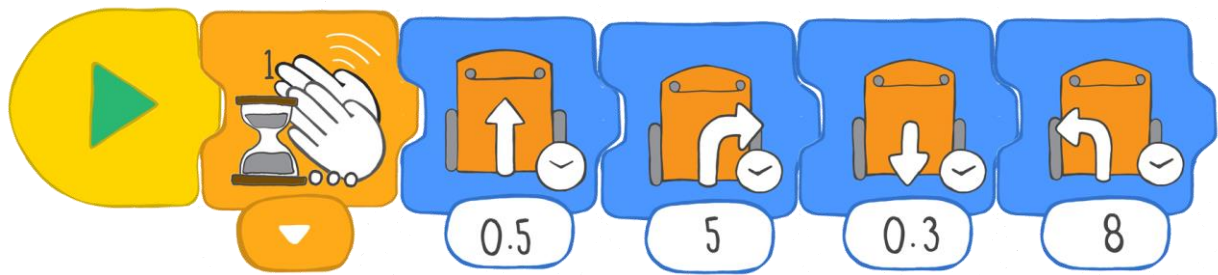Download the program to Edison. Press the play (triangle) button.

This program tells Edison to wait until one clap is detected, then drive forward for 0.5 seconds. Then the program tells Edison to wait until two claps are detected, then turn left for 0.3 seconds.

What to do with Edison

Now you know how to drive forwards, backward, turn left and turn right using EdBlocks. You can make Edison dance!

Find the answer

The program below is one example of how Edison can dance.

Make your own program so that when you clap, Edison will dance.

Have Edison change directions and do different things for different amounts of time. Try adding some places for Edison to wait until you clap again. Make the program as long as you want!

Draw your program below.