

# Let's make noise

Name \_\_\_\_\_



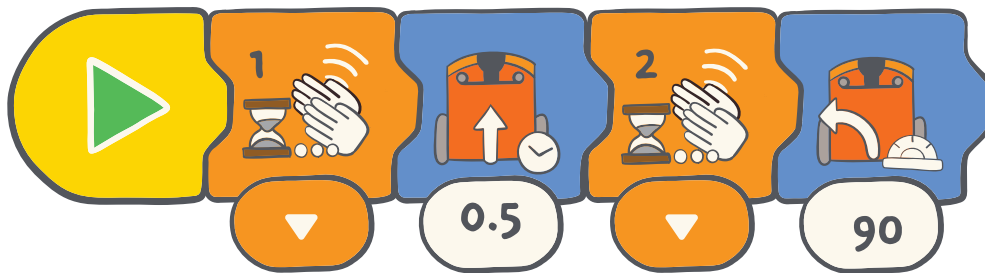
Do you remember that Edison has a sound sensor? It is the sensor that lets Edison detect loud sounds, like when you clap your hands.

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 step in the program.

## What to do with EdBlocks

Using the EdBlocks app, arrange the blocks to match the program here:



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

### What does the program do?

The first block tells Edison to wait until one clap is detected.

The second block tells Edison to drive forward for half a second.

The third block tells Edison to wait until two claps are detected.

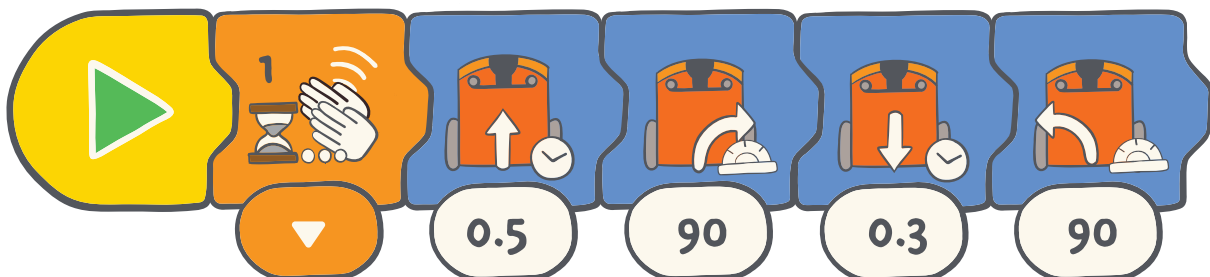
The fourth block tells Edison to turn left 90 degrees.

## 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 an example of how Edison can dance:



On the next page, create 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!