

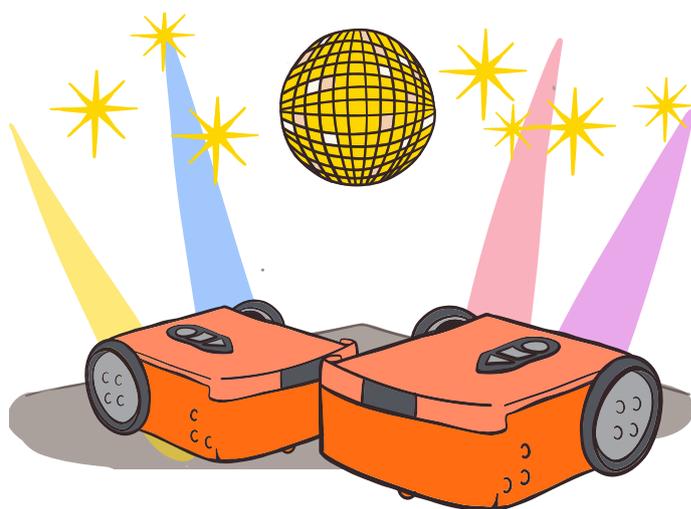
# Let's have a dance party!

Remember Edison's infrared light sensors? These sensors let Edison detect obstacles. We can also use these sensors to have two Edison robots talk to each other!

Let's make a program with EdBlocks that tells your Edison robot to do a dance when it receives a message. Your teacher will use an Edison to send out a message.

Your program needs to wait to receive that message, then have Edison start dancing.

**When the message goes out, the dance party will start!**

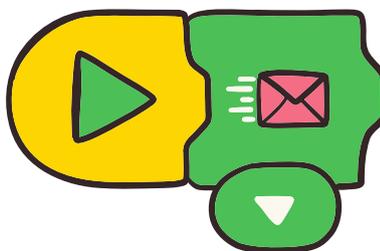


## What to do with EdBlocks

Your teacher will set up a program on their Edison robot that is going to send out a pink envelope message.

Your teacher's program will look like this one here:

Your program needs to tell your Edison to start dancing once the pink envelope is received. Using the EdBlocks app, create a program with your own dance routine for Edison. Use turns, LED lights, and sounds to make it really special.



## What to do with Edison

Download your program to Edison. Now it's time to dance!

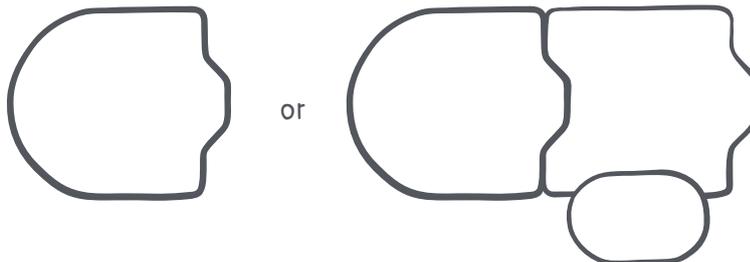
As a group, have everyone get their robot ready by pressing the play (triangle) buttons. Once the robots receive the pink message, each robot will start to dance.

**It's party time!**

## Find the answer

1. There are two ways to have Edison receive the pink message. Look at EdBlocks and find them both.

Draw your answer here:



2. What does your dance routine program look like?

Take a screen shot of your program and print it out for your teacher.