

# Sumo wrestle

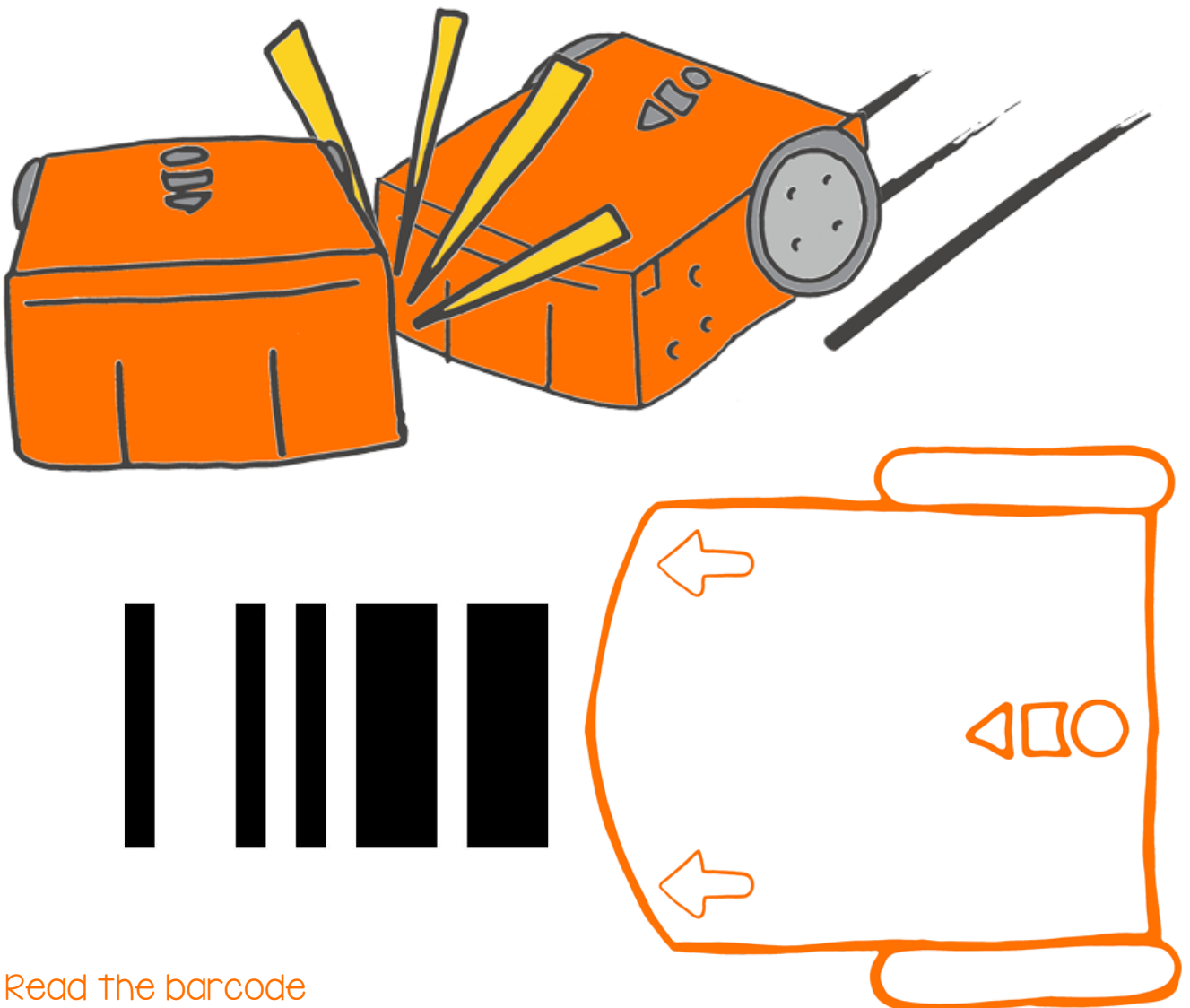
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The barcode below has a built-in program. The program combines two of Edison's other programs - bounce in borders and obstacle detection.

What does the combined program do?

It lets two Edison robots sumo wrestle!

The obstacle detection part of the program helps the robots find the other robots. The line detection helps Edison find a line to knock the other robot out of the ring.



## Read the barcode

Put Edison on the outline above.

Press the record button (round button) three times.

Edison will quickly drive forward and scan the barcode.

## What to do with Edison

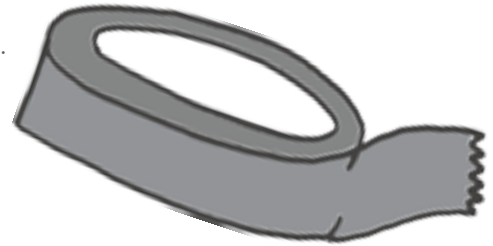
You will need to work together for this activity.

Scan the barcode with two Edison robots.

Next, make a ring for your Edison sumo match.

Use a dark coloured tape to make the sumo ring.

Be sure to make the ring big enough for both robots to drive around inside.



## Activity

Put both Edison robots in the ring.

Press the play button (triangle button) on both robots at the same time.

Each Edison robot will start to drive around the inside of the circle slowly, looking for the other robot. When one Edison sees the other, it will speed up to hit it and try to push it out of the ring.

The Edison that stays in the ring wins!

