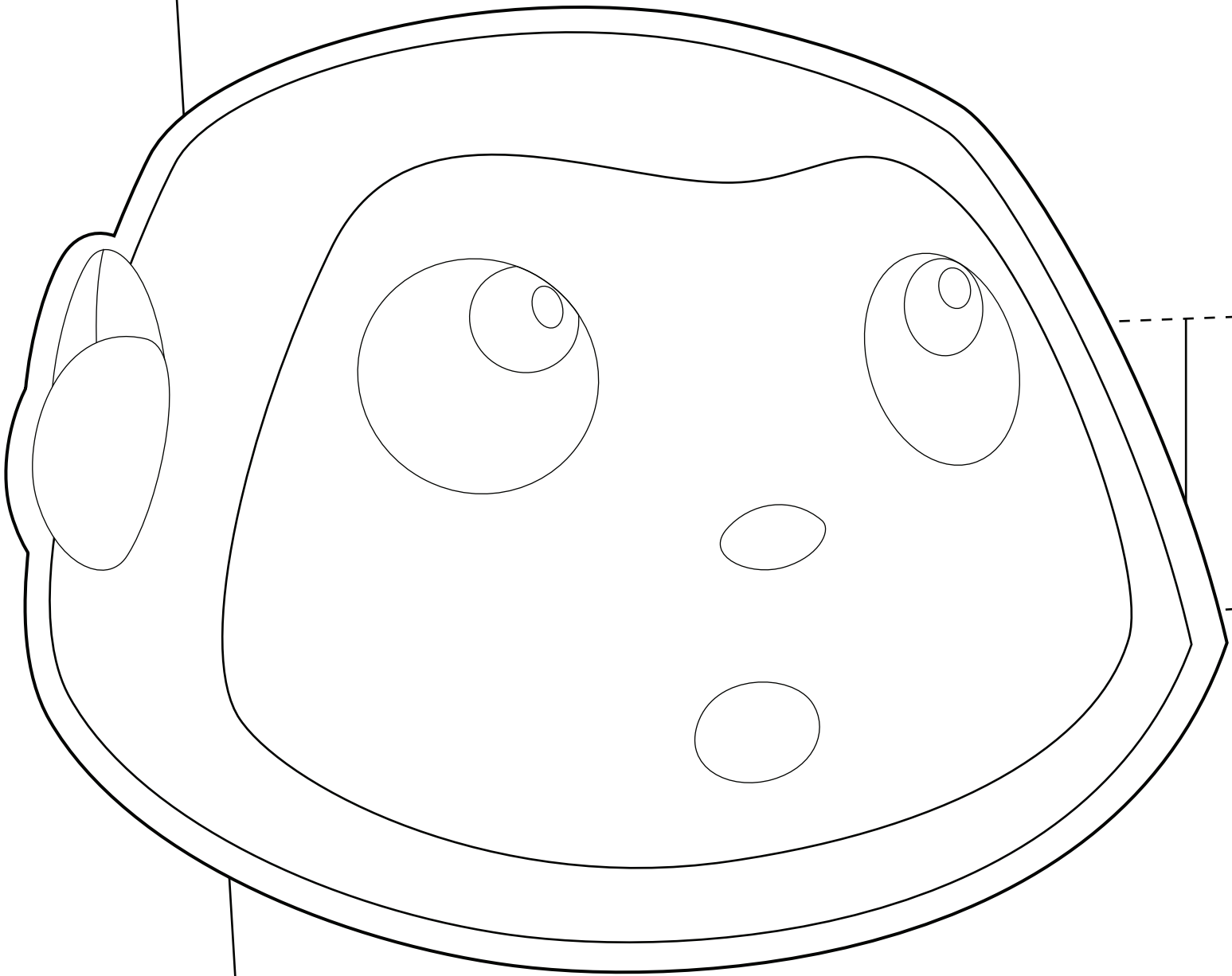
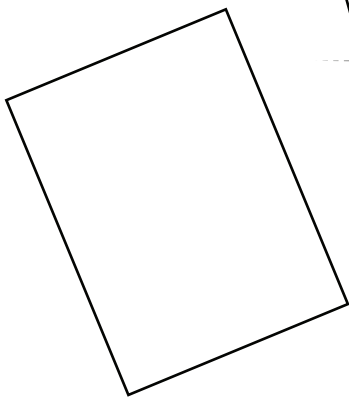


# THE LAST SUPPER



# STEM ACTIVITY

# WHAT YOU NEED

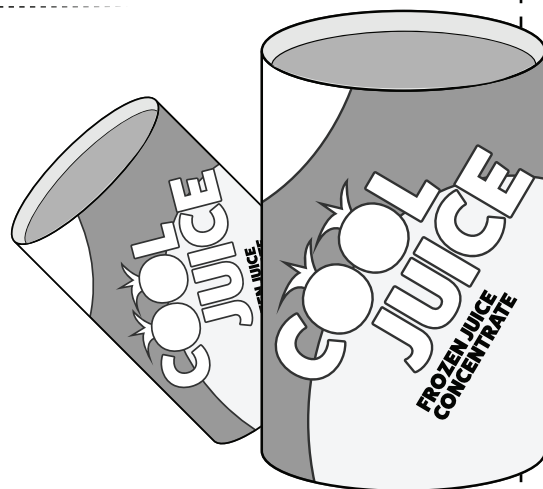


## BOARD

About 1.5'x4'

## 2 CANS OF JUICE CONCENTRATE

Keep one frozen and the other needs to be thawed.



## BLOCKS/BOOKS

Used with the board to create a ramp.

# DIRECTIONS

## IT'S A RACE!

Which is faster, the frozen can of juice or the liquid? The frozen juice will roll, while the thawed liquid juice is sliding and sloshing in the can. Is it faster to roll or slide?

### STEP 1

Set up a ramp using the board and the other materials. Make sure that the ramp is even and not tilted towards one side or the other.

### STEP 2

Place the thawed can and the frozen can beside each other at the top of the ramp. Release at the same time.

According to Newton's first law of motion, when an object is in motion it wants to stay in that same motion, unless a force acts on it to make it change. This also means that if an object is not moving, it wants to remain still unless a force acts on it.

