

## BUILD A Pinball Machine

Fun fact: Pinball originated in Nagoya, Japan, in the early 20th century. In addition to being fun, pinball helps train reaction times and hand-eye coordination.

**PROJECT TIME:** 90 minutes  
(two classes)

**PROJECT DIFFICULTY:**

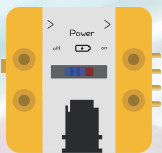


**ASSEMBLY DIFFICULTY:**



Magnetic, snap-together modules  
for learning advanced circuitry

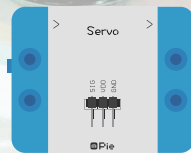
### WHAT YOU WILL NEED



BATTERY (1)



SLIDE DIMMER

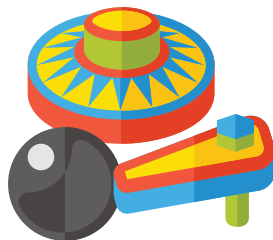


SERVO



BUILD A

# Pinball Machine

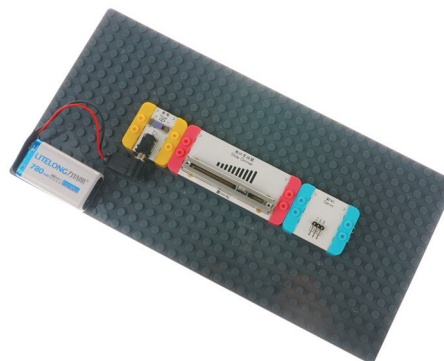


Magnetic, snap-together modules  
for learning advanced circuitry



## Step 1

Gather the required circuits and the graphic panel.



## Step 2

Place the BATTERY, SLIDE DIMMER, and SERVO on the board as shown



## Step 3

Attach the pinball graphic with a rubber band



## Step 4

Attach the pieces from step 3 onto the pieces from step 2. Switch the battery on.

