

# NEW VIDEO UNLOCKED

BUILD ALONG & LEARN WITH MARK ROBER



[CRUNCHLABS.COM/SKEE](https://crunchlabs.com/skee)

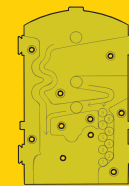
## PARTS



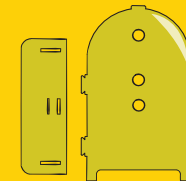
wood pieces



blue foam pieces



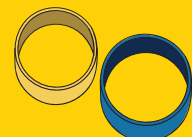
backboard



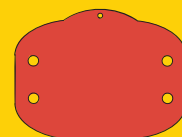
plastic sheets



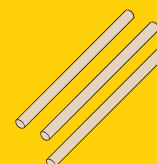
base



paper rings



trampoline cover



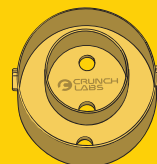
dowels



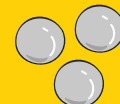
levers



bolts and standoffs



target



balls



o-rings



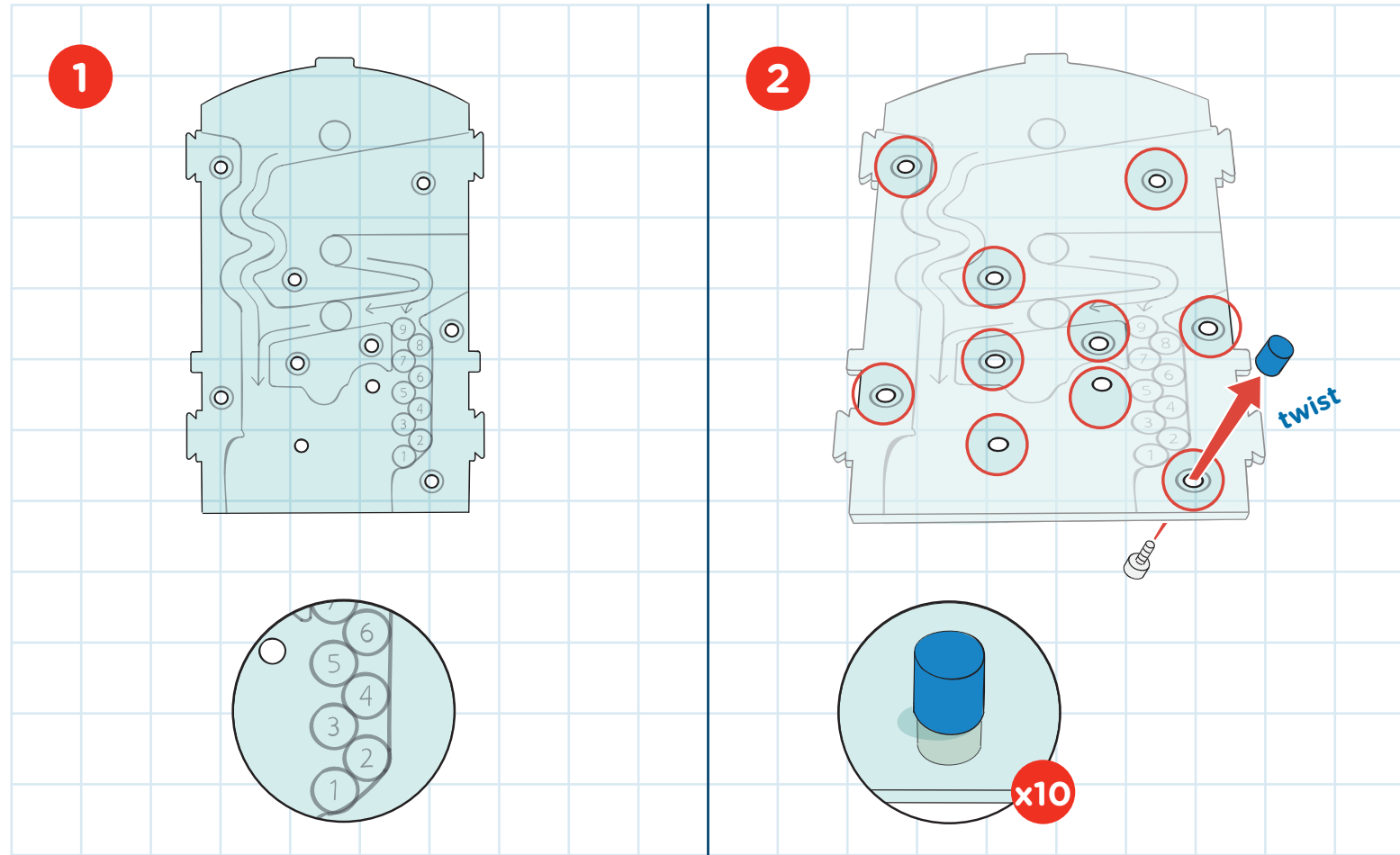
rivets



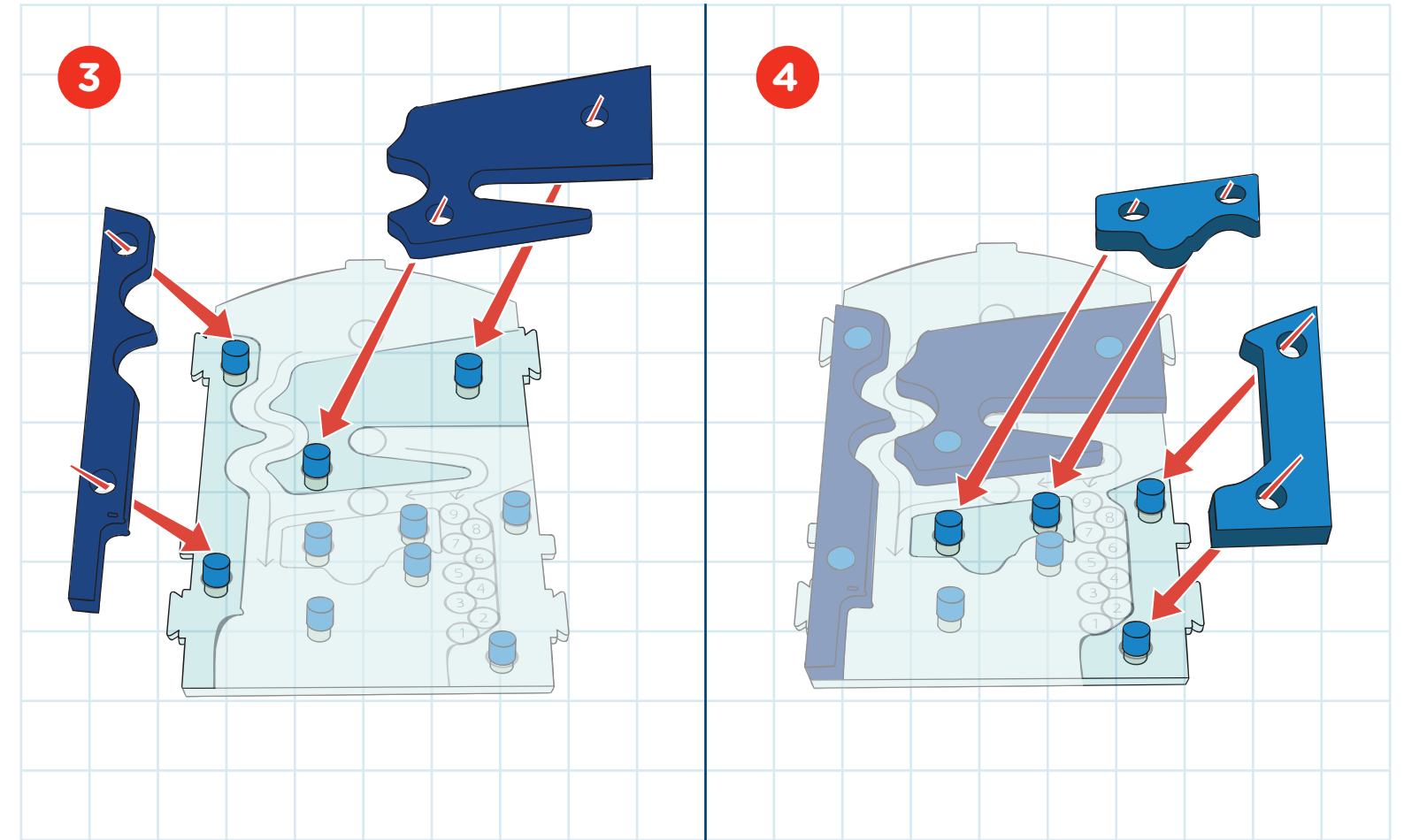
pouch

For missing and replacement parts, visit "My Account" at [crunchlabs.com](https://crunchlabs.com) and we'll ship them to you for free.

# BUILD

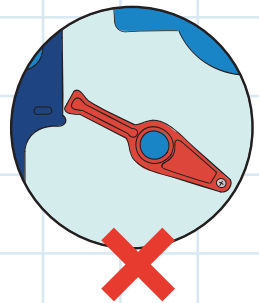
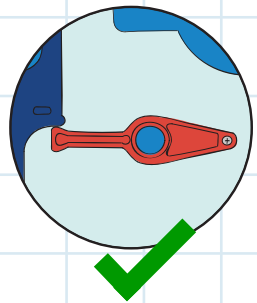
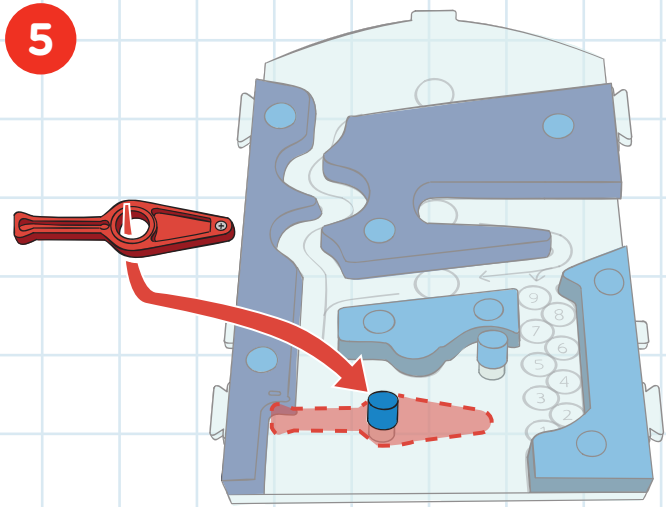


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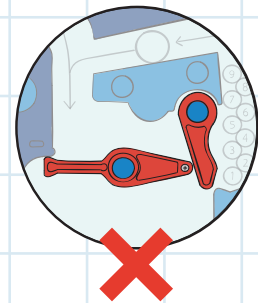
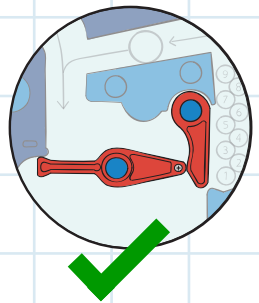
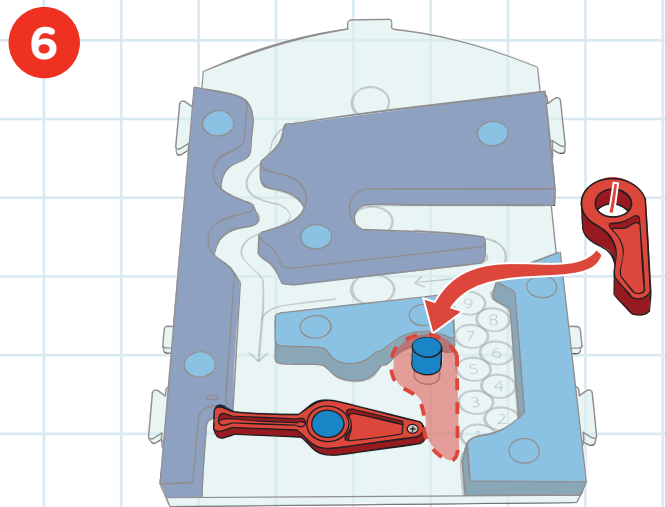


# BUILD

5

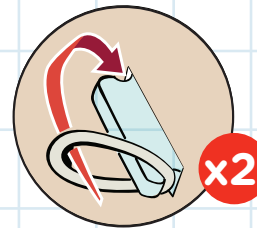
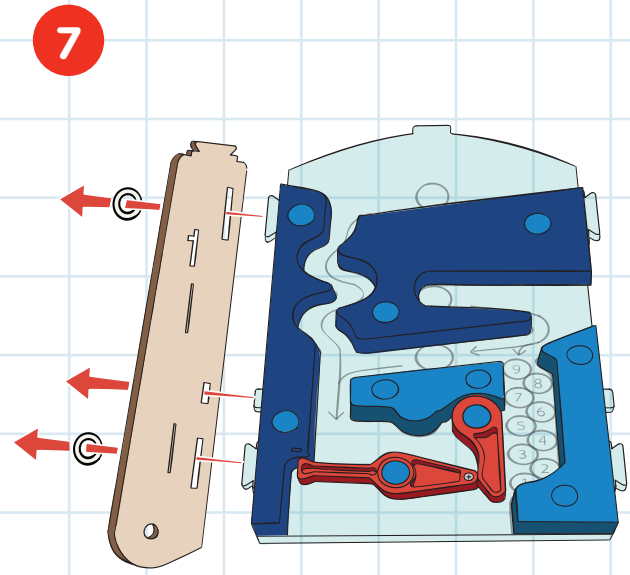


6

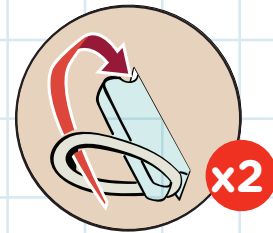
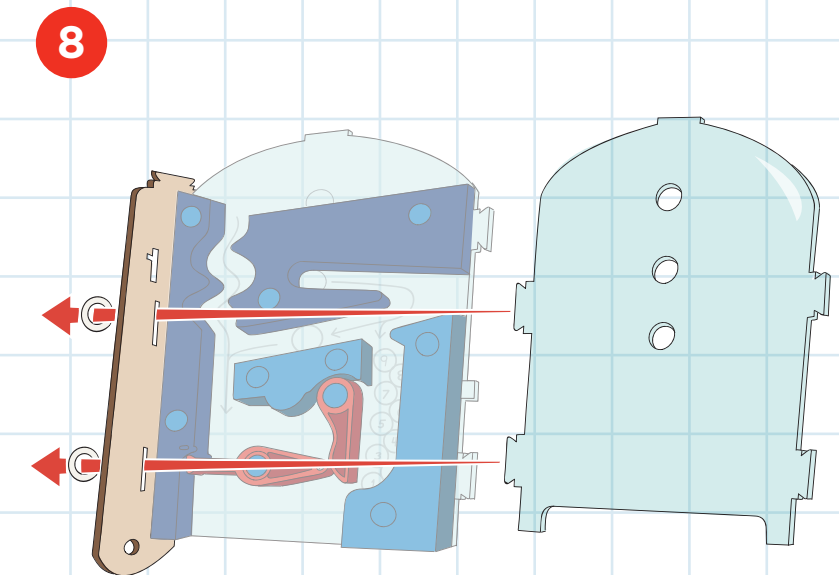


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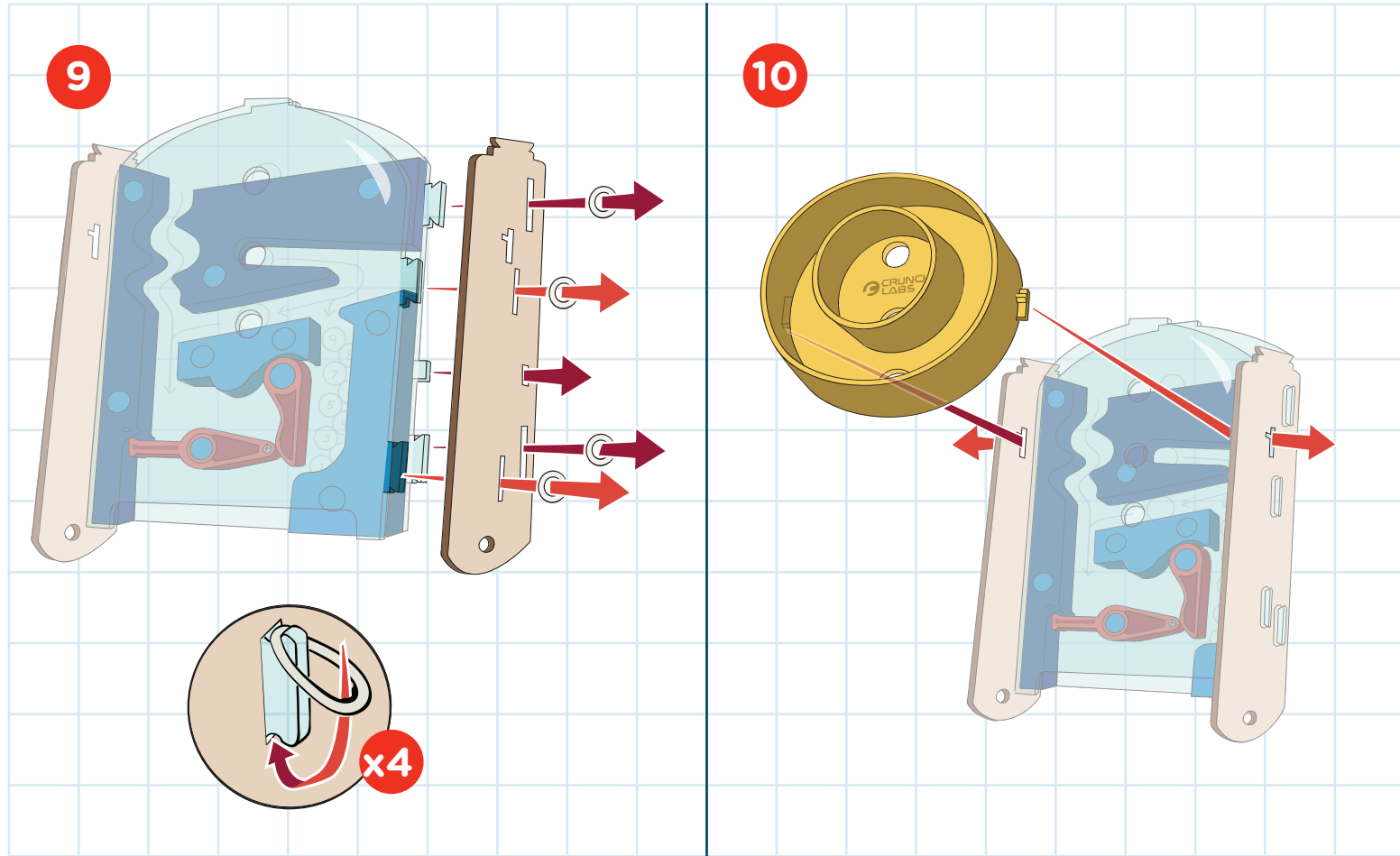
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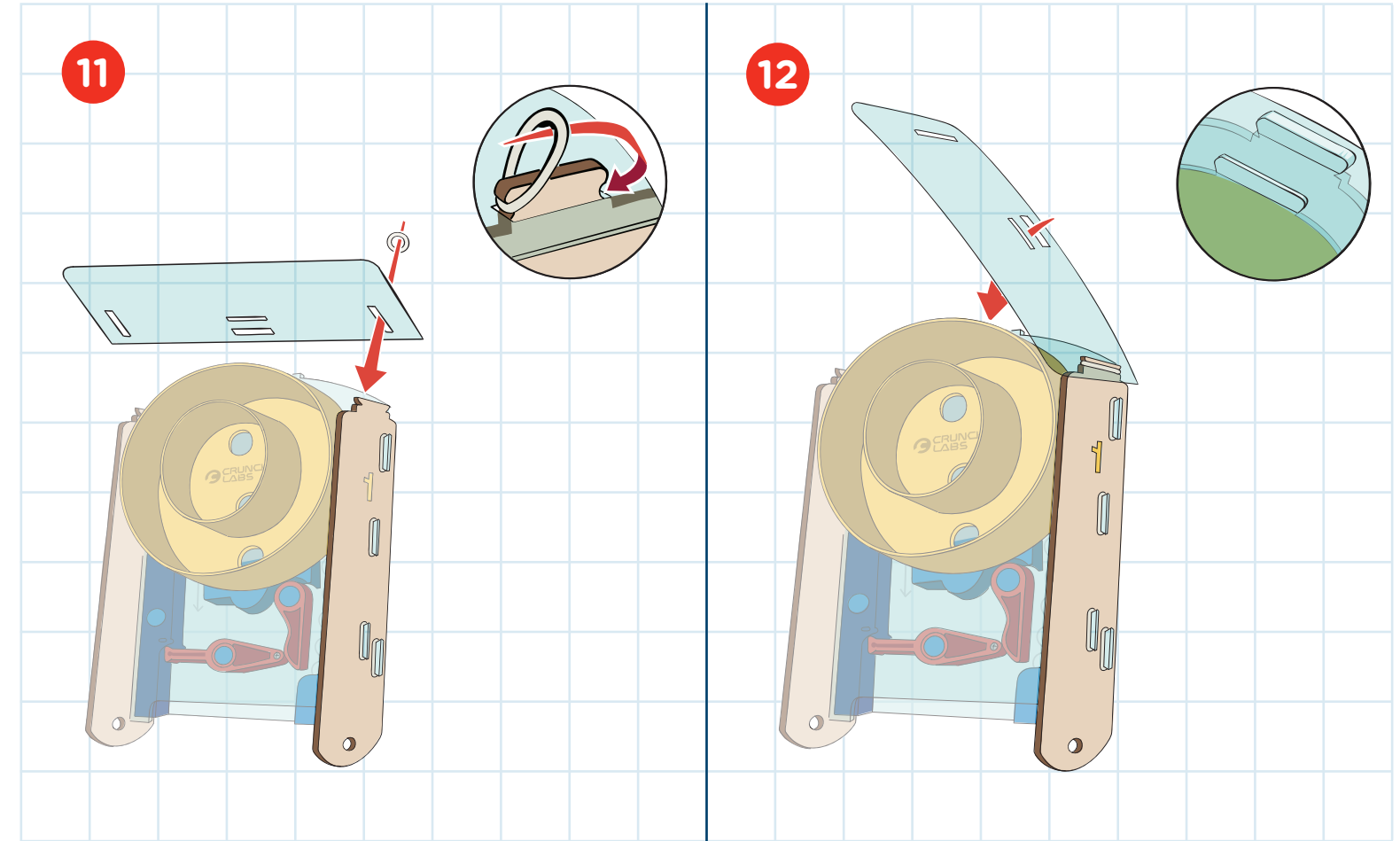
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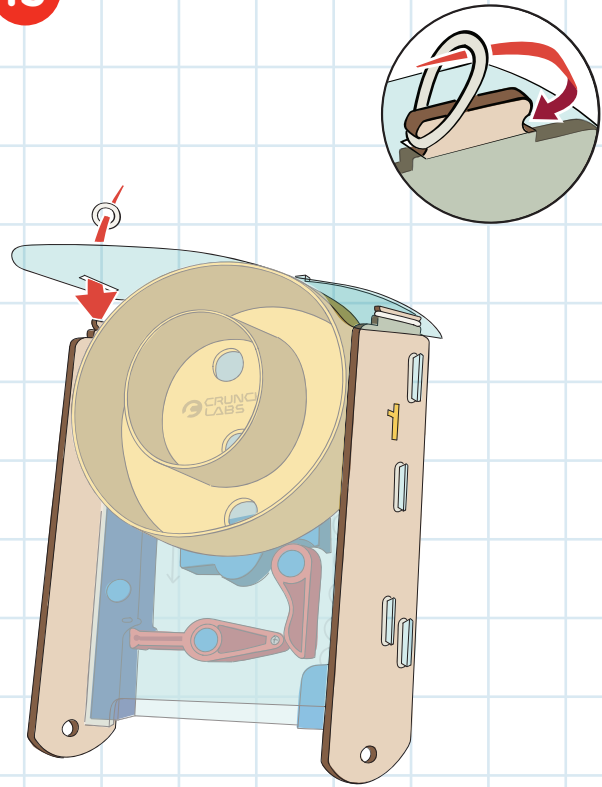
# BUILD



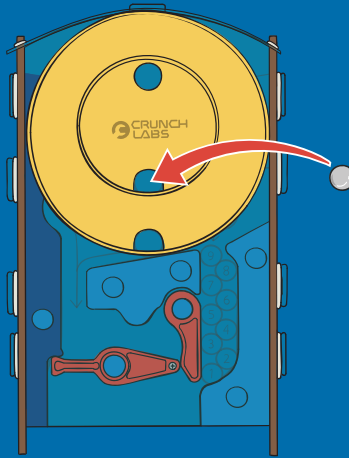
# BUILD



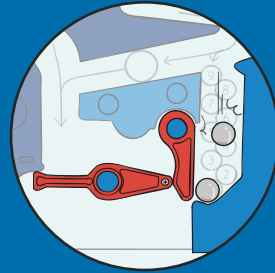
13



## TEST

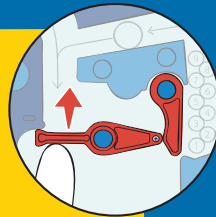


SCORE!



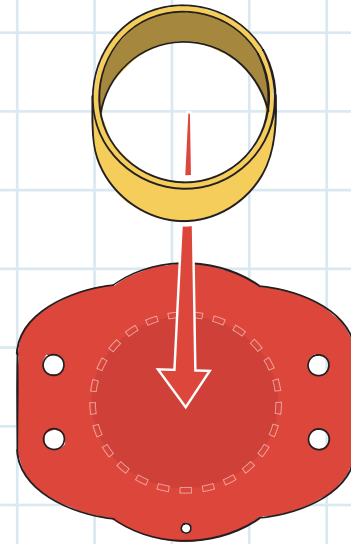
### PRO TIP! ▶▶

If your ball slips through the catch lever, make sure your release lever is levelled.

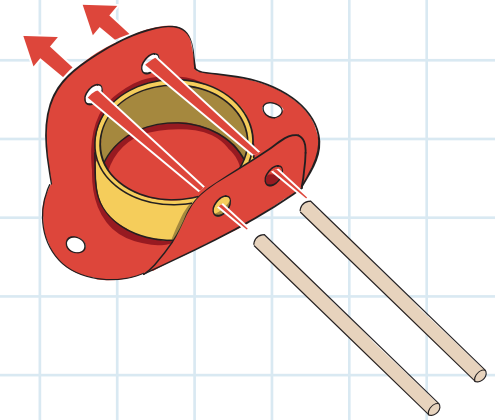


Having trouble? Watch the video at [crunchlabs.com/skee](https://crunchlabs.com/skee)

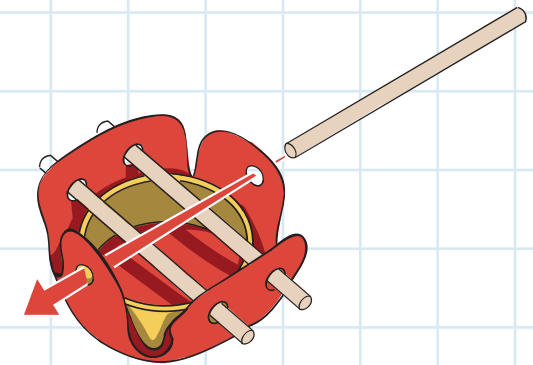
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15

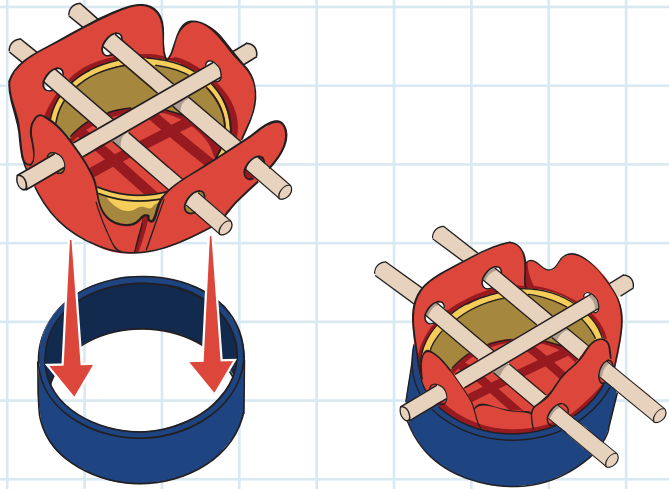


16



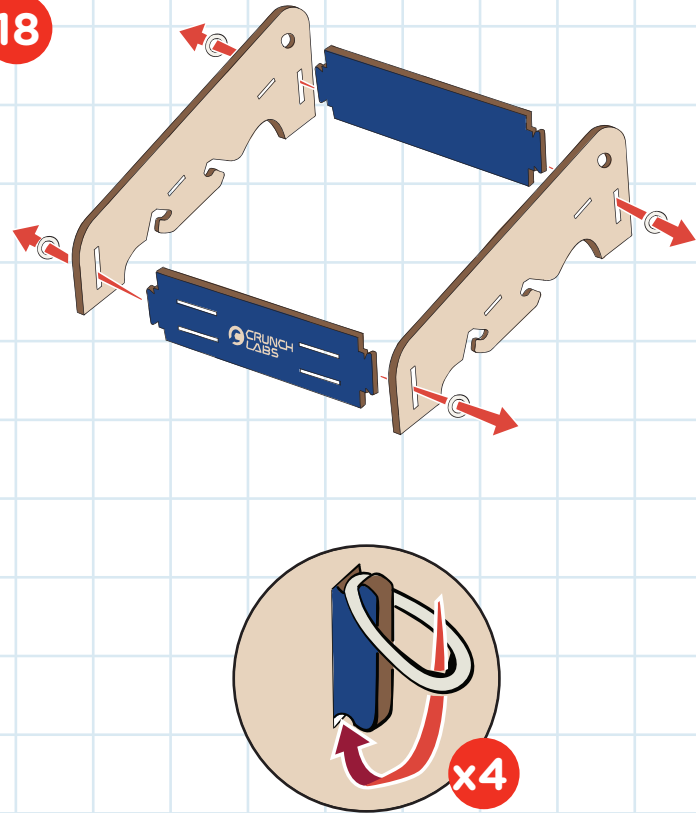
# BUILD

17

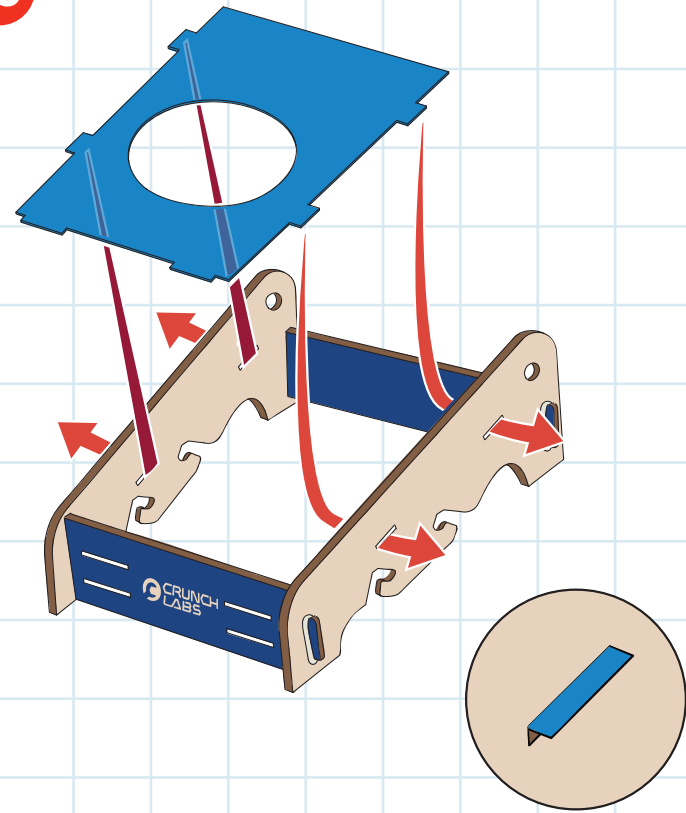


**PRO TIP!** ▲  
Make sure you push the **BLUE** ring levelled with your inner yellow ring.

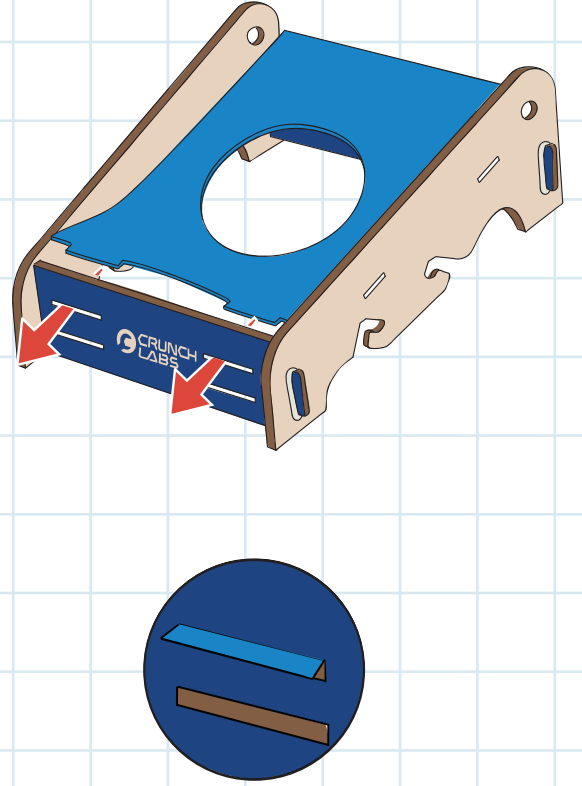
18



19



20

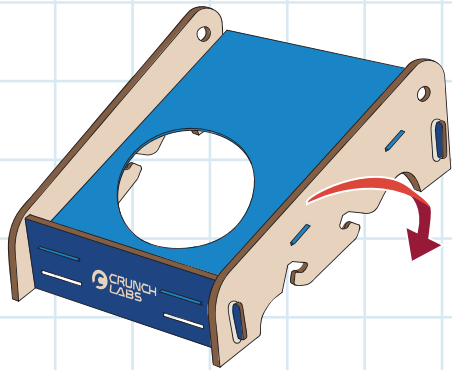


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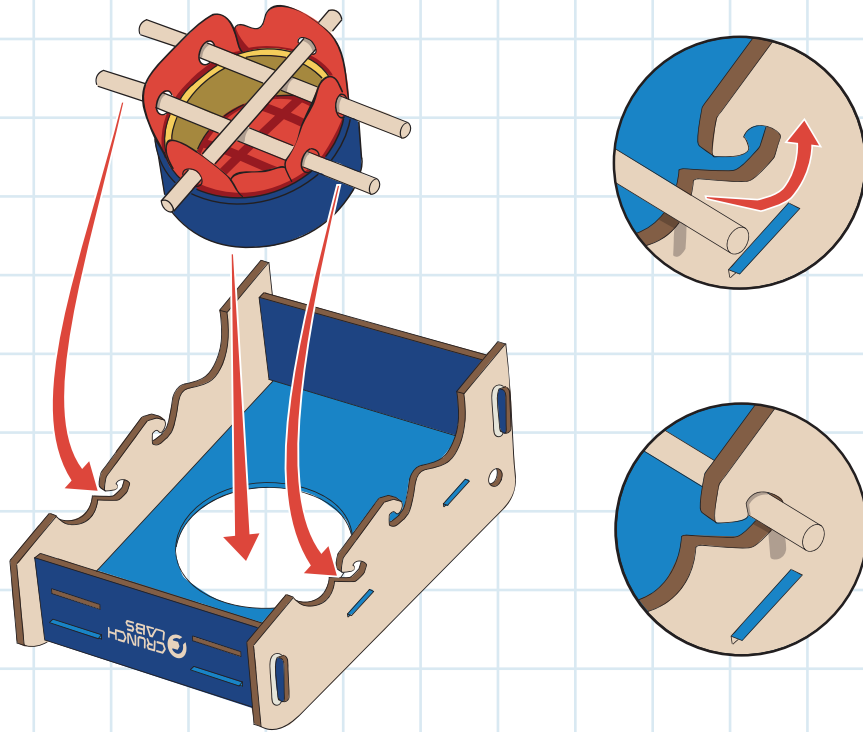
# BUILD

21

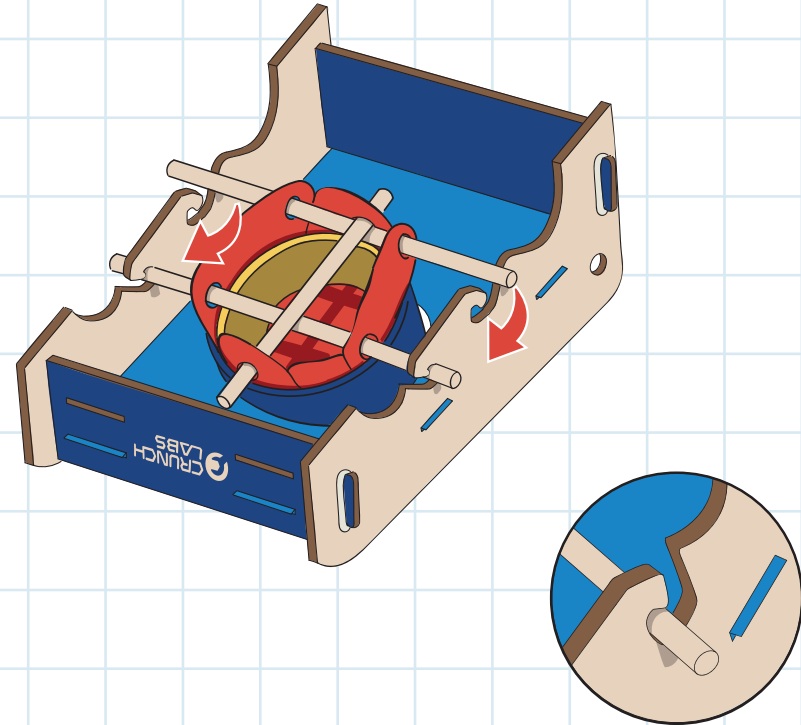
FLIP!



22

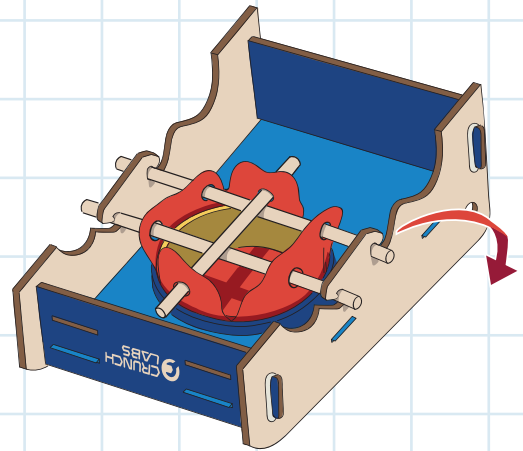


24



25

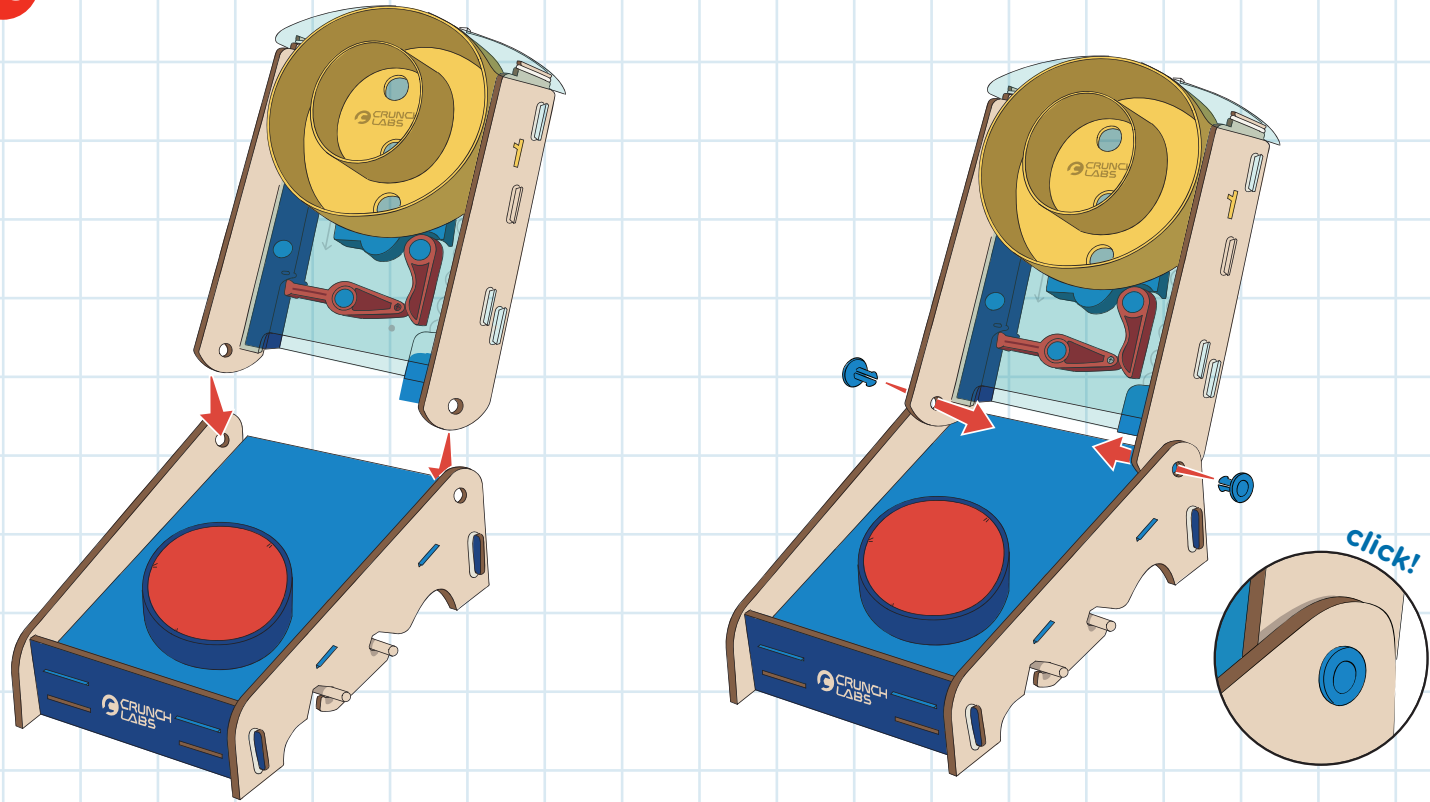
FLIP!



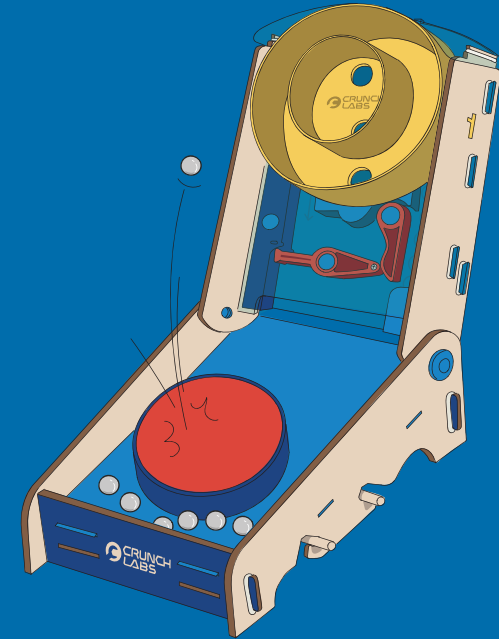


# BUILD

26

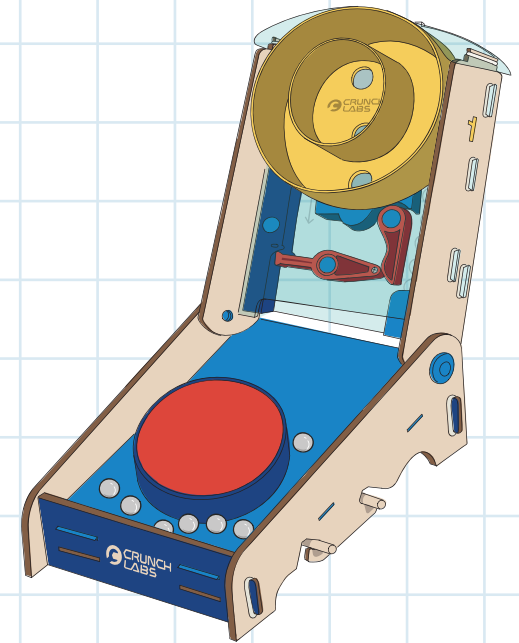


# TEST

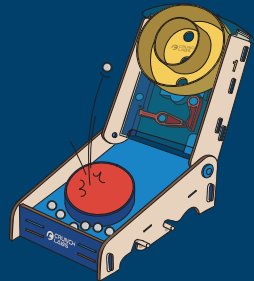


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BUILT!

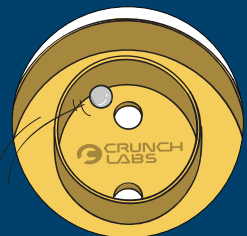


## PLAY



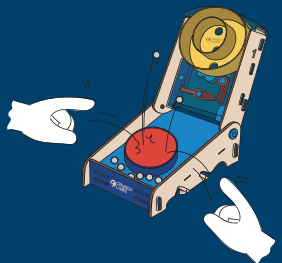
### PRACTICE, PRACTICE, PRACTICE

Practice your shots and see how many balls you can get in a row.



### INSTANT WIN!

Perform the ultimate shot by getting the ball into the instant win hole!



### COMPETE WITH FRIENDS!

Find a friend and compete to see who can get the most balls and points.

## THINK

A counter is a mechanism that keeps track of numbers and groups them together.

Basically, counters often group by ten, so we can easily count higher.

Humans only have ten fingers, but remembering large numbers has always been important. A clever way to count higher is to group smaller numbers together. These groups don't always have to be in "10s", in fact, computers group their numbers by "2s". Try counting to five with your right hand, and use your left hand to count each group of five. This way, you can count to 30 instead of 10!



## THINK

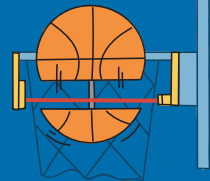
Counters are found where an amount of stuff needs to be remembered. This could be a score, an item, distance, or anything really!



## SCOREKEEPER

Odometers are a counter commonly used to accurately measure the usage of a vehicle compared to others. Older vehicles often have a system of gears to display the distance counted while newer vehicles use electronic counters with fewer moving parts.

TOTAL  
010

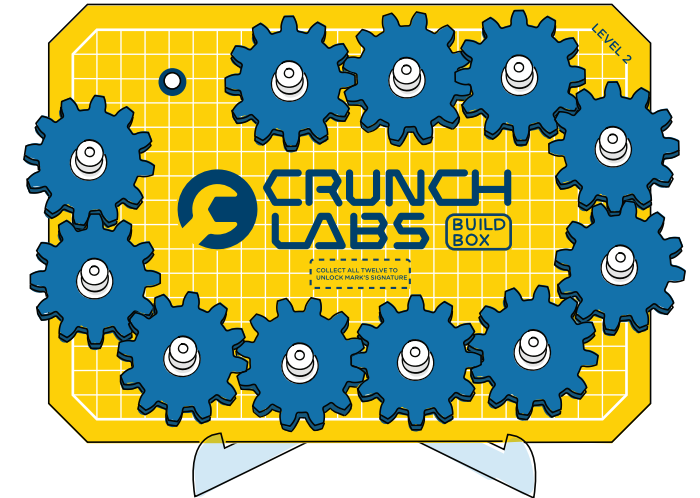


## DETECTABLE LIGHT PULSE

In the basketball portion of Mark's "Carnival Scam Science" Video, a laser beam-break sensor is creating detectable light pulses. An electronic counter is remembering each one of those light events to give you a score. Understanding how a counter works allows you to hack it!

## THINK

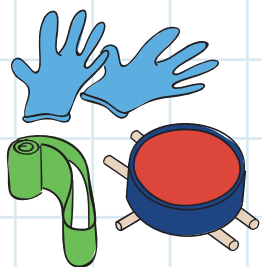
**CONGRATULATIONS!** You earned a gear badge for counter



Don't forget to add your gear badge to your gear train!

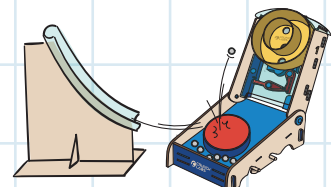
# CRUNCH

It's crunch time! Use your engineering superpowers to keep building.



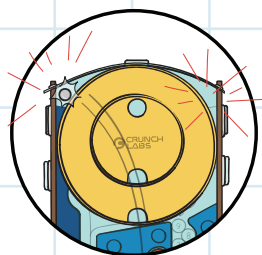
## MODIFY TENSION

Change your trampoline tension with other rubber materials.



## CREATE YOUR OWN RAMP

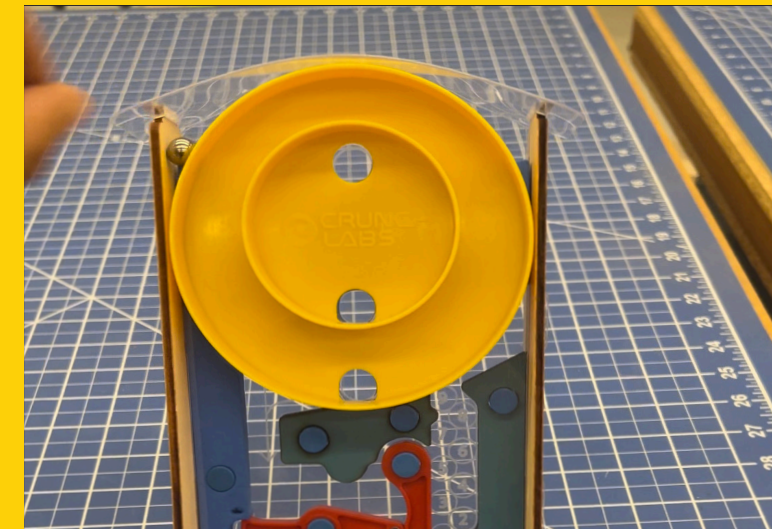
Create and decorate your own ramp for your game to win every time.



## HIDDEN POCKETS!

Challenge your skills by bouncing the ball into the hidden pockets of the game!

# SHOW OFF YOUR BUILD



Share your funniest moments & coolest mods!  
[#crunchlabs](#) [@crunchlabs](#)



**WARNING: CHOKING HAZARD:** Children under 8 yrs can choke or suffocate on uninflated or broken balloons. Adult supervision required. Keep uninflated balloons from children. Discard broken balloons at once.  
Made of natural rubber latex.

#### **SWEEPSTAKES**

**Each CrunchLabs build box contains the chance to WIN a trip to visit CrunchLabs with Mark Rober! Sadly, you are not a prize winner this time. Check inside your next build box for another chance to win.**

*Trip includes roundtrip transportation and two (2) night's hotel accommodations for a family of four (4). Approximate value: \$4,500. NO PURCHASE NECESSARY. Open to legal U.S. residents, 18 years of age or older. Void where prohibited. For complete Official Rules, including promotion end date and information on how to obtain a free game ticket, visit [www.crunchlabs.com/win](http://www.crunchlabs.com/win).*

This toy is intended for use by children over the age of eight years. These instructions contain important information, do not throw away.