



**Actual STEM,
serious fun**



CircuitMess

**WACKY
ROBOTS**



Wacky robots

MSRP



49,99 USD

Fun & educational soldering practice kits

No soldering experience? No problem! These quirky robots are the perfect soldering practice kits that will help anyone with their first steps into the exciting world of STEM.

Throughout the assembly, you'll learn about important aspects of electronics such as LEDs, ohm's law and resistance.

HOW DOES IT WORK?

-  **1** You'll get 5 boxes with all the necessary components
-  **2** Learn about electronics and practice your soldering skills
-  **3** Follow our instructions for a fun and exciting build process
-  **4** Play with your Wacky Robots and explore their cool features

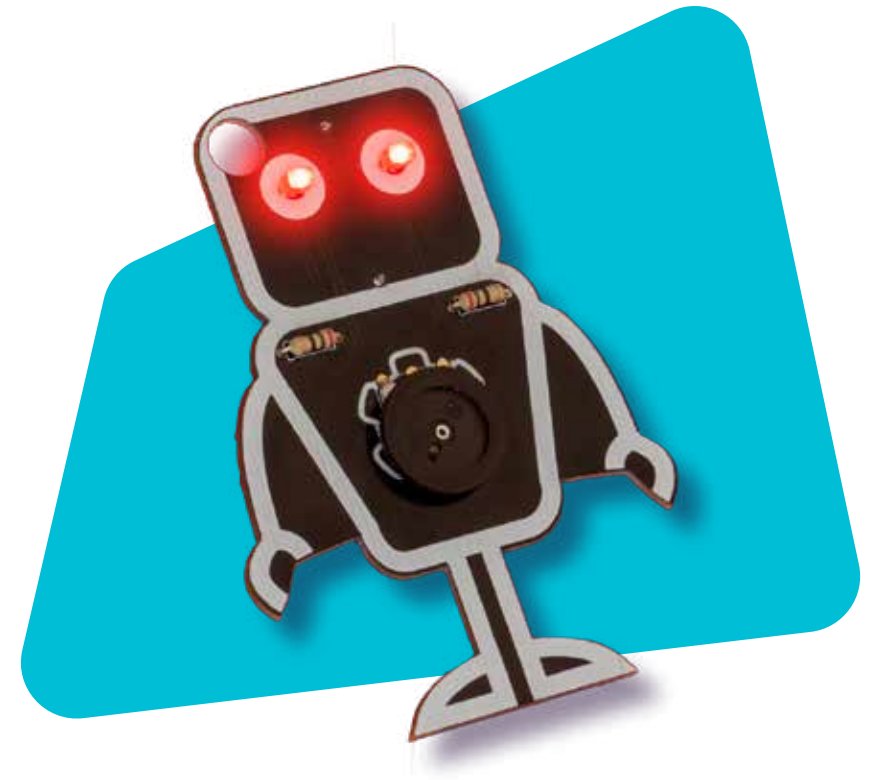


✘ What educational toys should NOT do:

Lack actual useful educational content

Be a label for cheap regular toys

Enforce gender stereotypes



✔ What educational toys should do:

Teach you actual science

Provide hours of building and infinite enjoyment

Provide real-world application



Meet the robots

 ~1 hour
build time


 Ages 9+


Meet BOB

16 Beginner-friendly 16-piece kit

 Has 6 RGB LEDs that
automatically change colors

 Coin cell battery is included

 You will learn about light
emitting diodes (LEDs)

 Instructions included
in the package



1  Battery holder

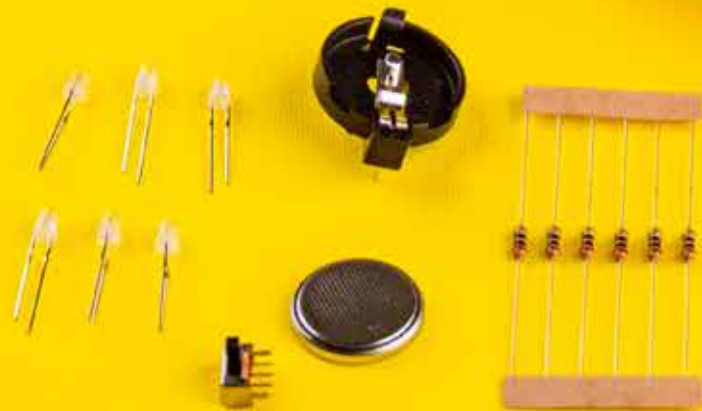
2  Switch

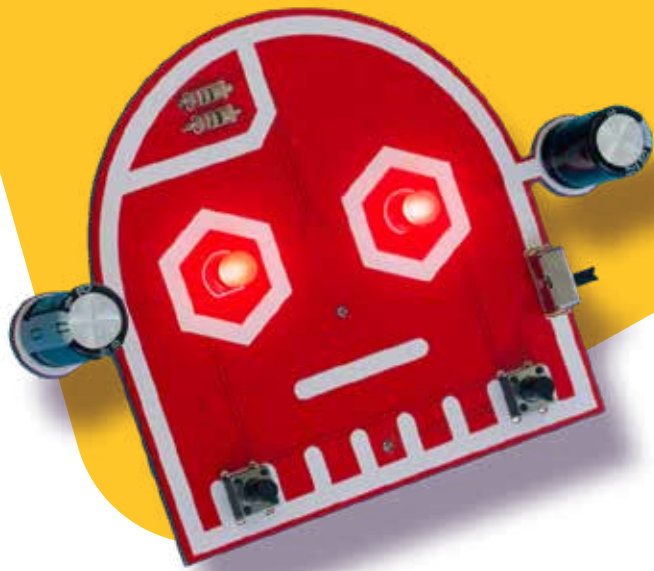
3  3V coin cell
battery

4  3mm RGB LEDs
with built-in color
changing chips

5  Resistors

6  Circuit board





~1 hour
build time



Ages 9+

Meet CAPACITRON

12

Beginner-friendly 12-piece kit



Has 2 pushbuttons that will demonstrate capacitor charge and discharge



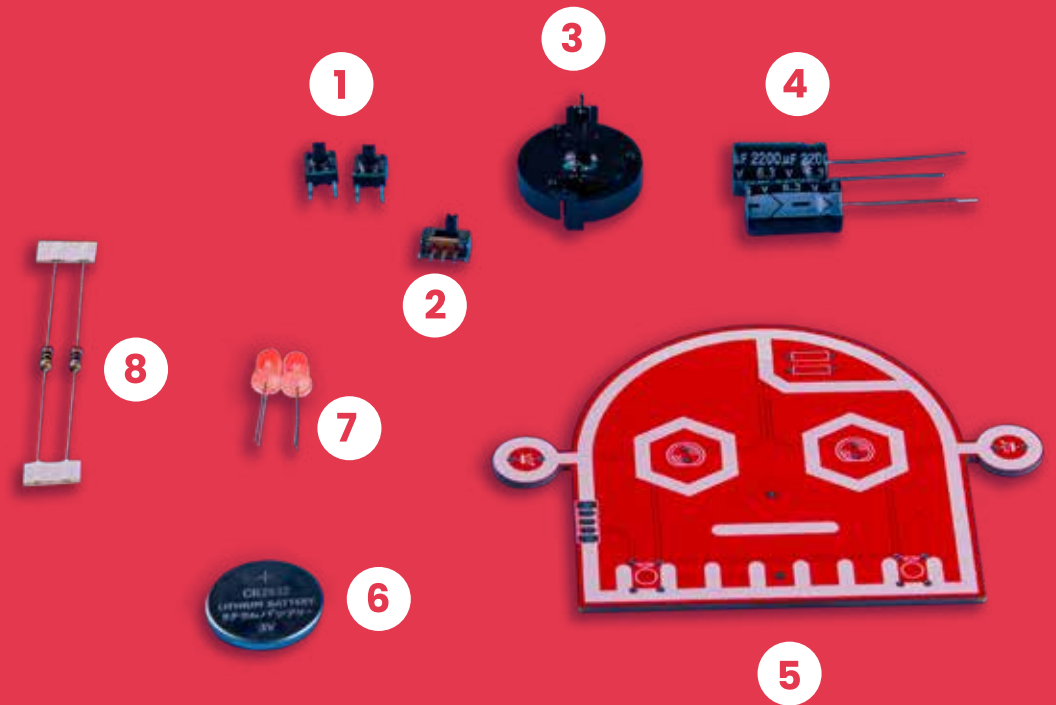
Coin cell battery is included



You will learn how capacitors work



Instructions included in the package



1  Pushbuttons

2  Switch

3  Battery holder

4  1000uF capacitors


5  Circuit board

6  3V coin cell battery

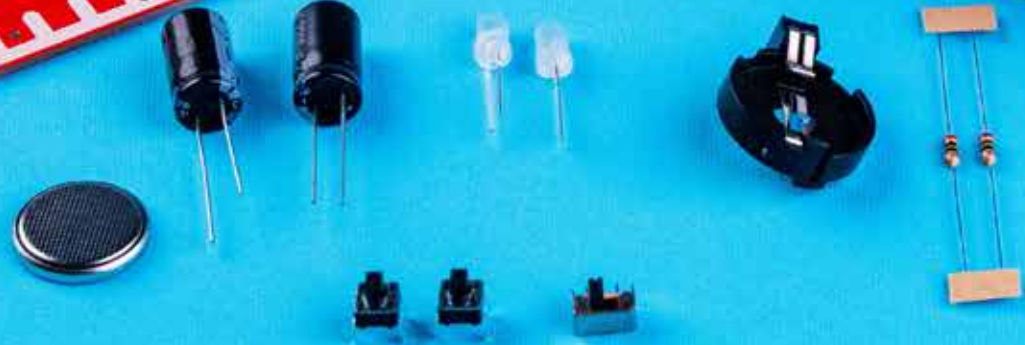
7  5mm red LEDs

8  Resistors

**CAPACITRON,
The Wacky
Robot Build
Guide**



For an online version of this build
guide, go to [circuitmess.com/
build](http://circuitmess.com/build)
Welcome to CAPACITRON's build guide!




 ~1 hour
build time


 Ages 9+


Meet MARV

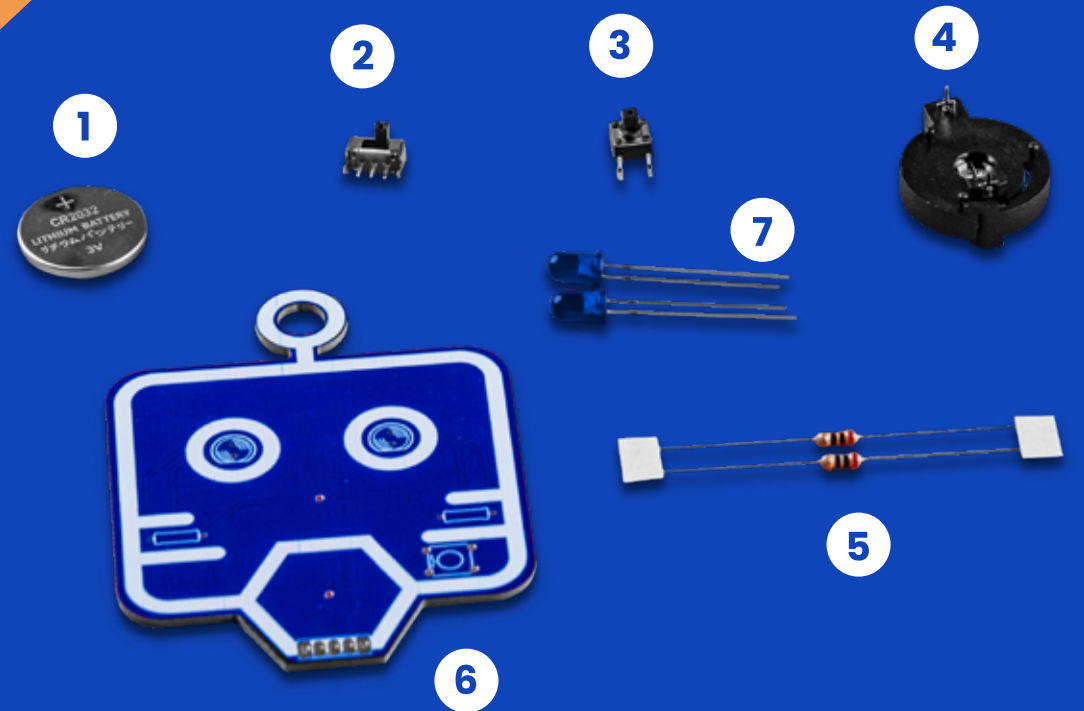
10 Beginner-friendly 10-piece kit

 Has 2 blue LEDs and a pushbutton

 Coin cell battery is included

 You will learn the difference
between a pushbutton and a switch

 Instructions included
in the package



1  3V coin cell battery

2  Switch

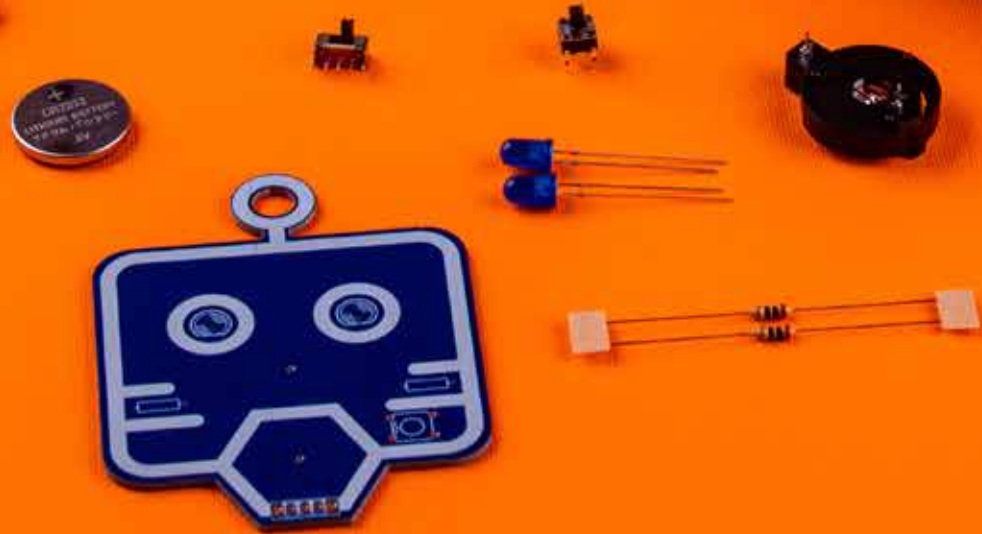
3  Pushbuttons

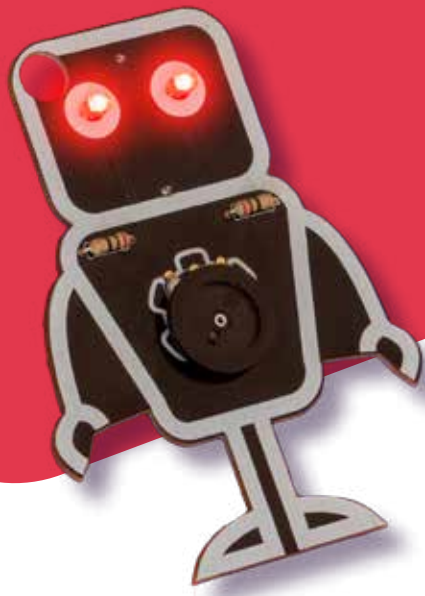
4  Battery holder

5  Resistors

6  Circuit board

7  5mm blue LEDs





~1 hour
build time



Ages 9+

Meet RESISTRON

8

Beginner-friendly 8-piece kit



Has a variable resistor that dims
the brightness of the LEDs



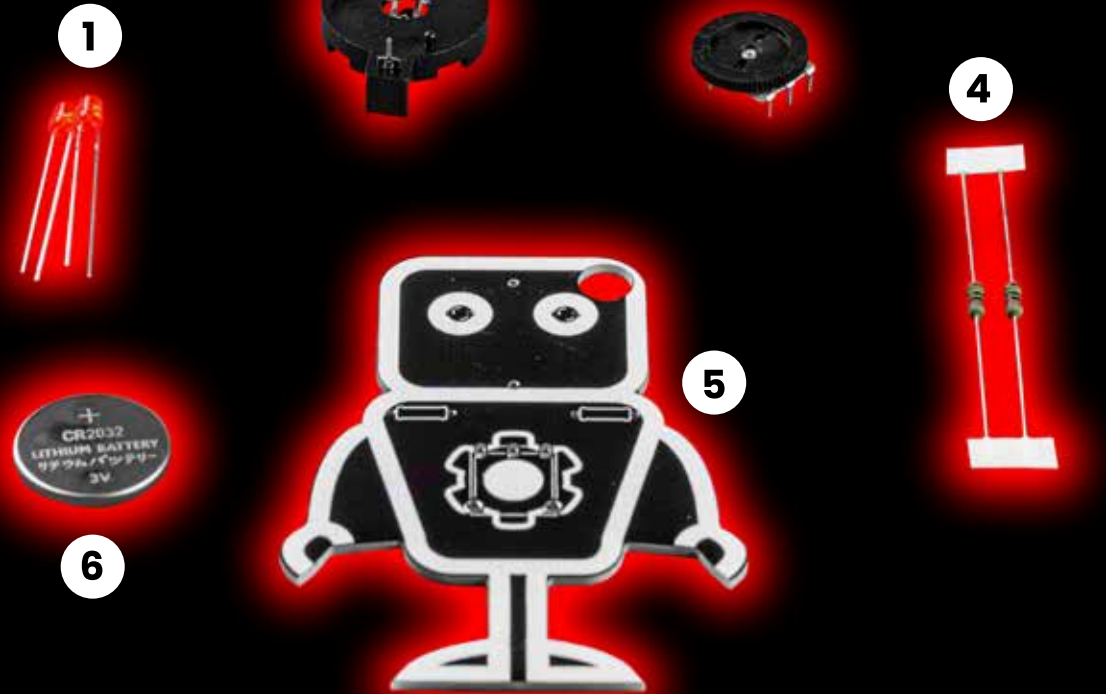
Coin cell battery is included



You will learn about
resistance and ohm's law



Instructions included
in the package



1



3mm red LEDs

2



Battery holder

3



Variable resistor

4



Resistors

5

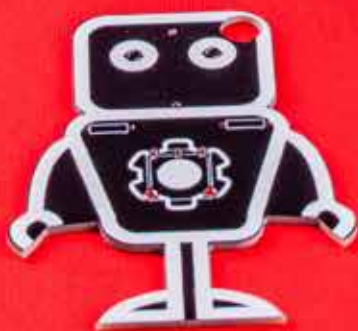


Circuit board

6

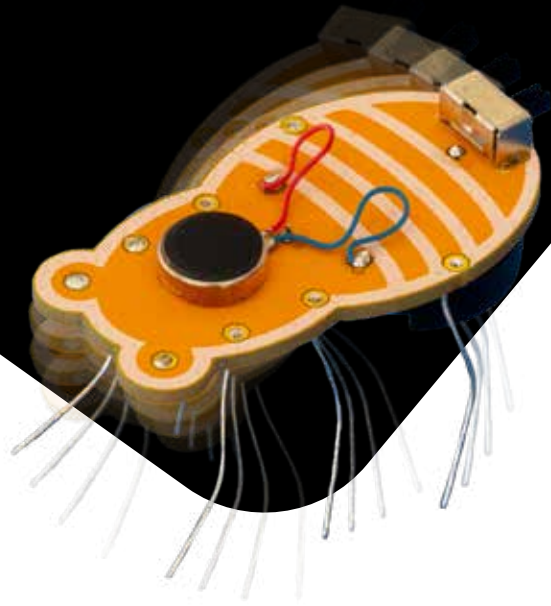


3V coin cell battery



 ~1 hour
build time

 Ages 9+



Meet MR. BEE

8

Beginner-friendly 8-piece kit



Vibrates and moves around



Coin cell battery is included



You will learn about intentionally
unbalanced motors



Instructions included
in the package

1



2



3



4



5



6



1



Battery holder

2



Vibration motor

3



Resistors

4



Circuit board

5

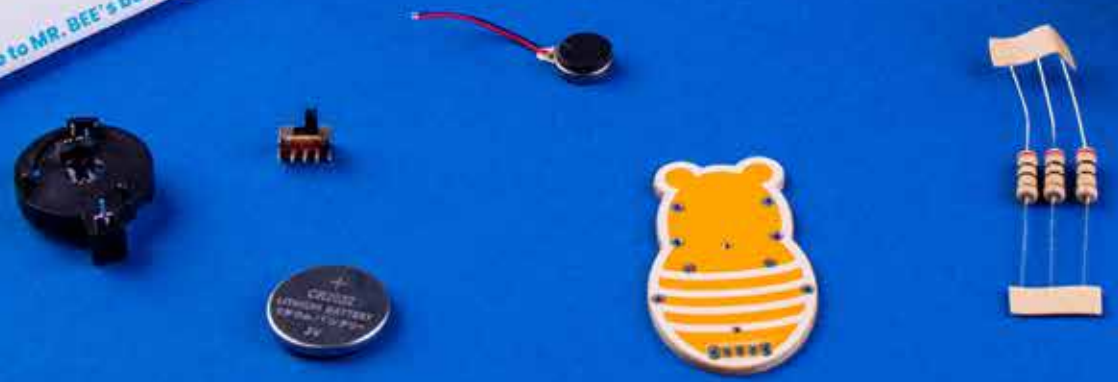


Switch

6



3V coin cell battery

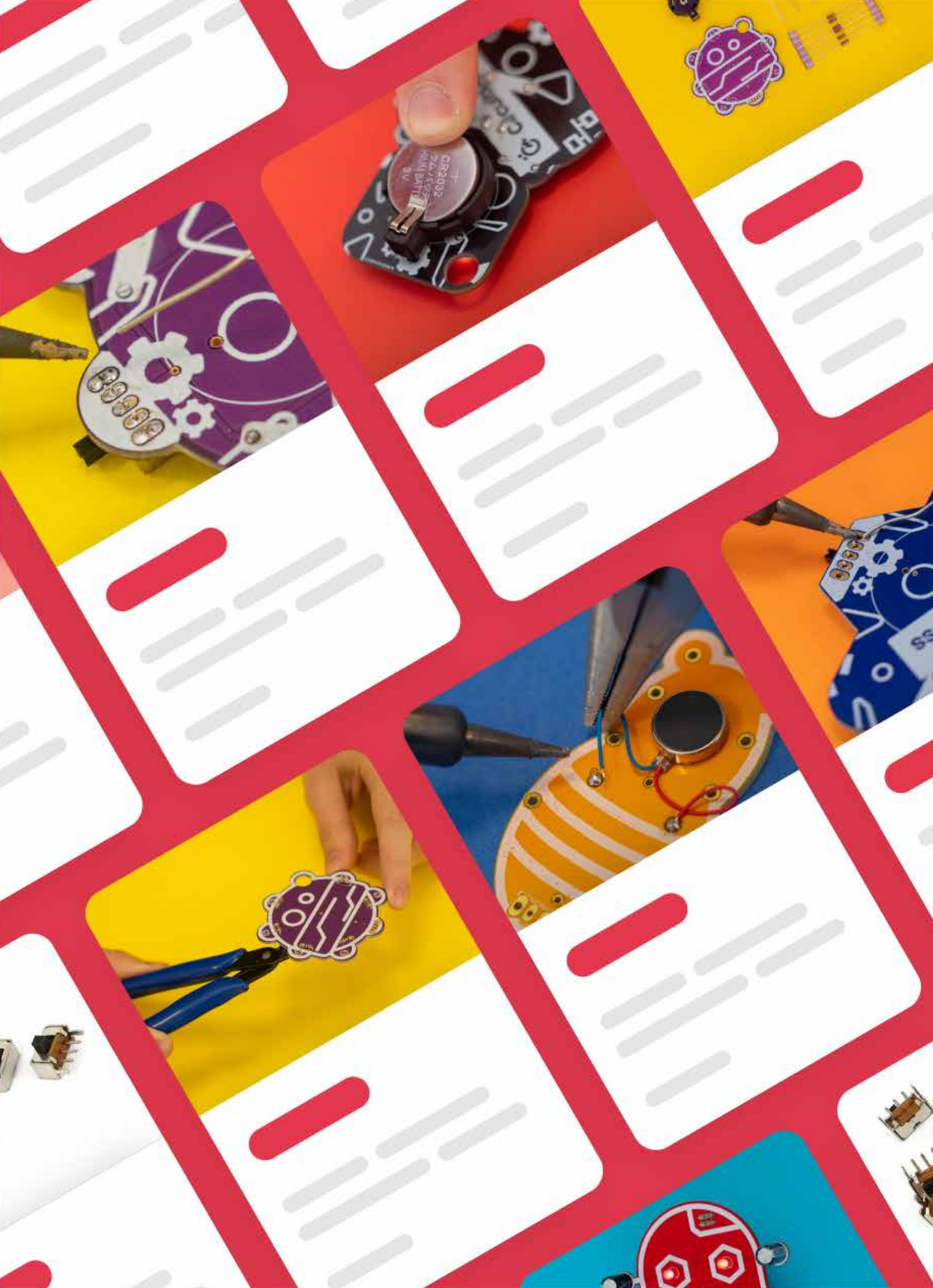


Have fun with your new robot buddies!

Once you build them, you'll see that Wacky Robots are a charming bunch.

They light up, buzz, sparkle, and shine, so you can play with them and show them to your friends! We have even included special Wacky Robots collectible cards in the set.





Get instructions from our custom-made curriculum



Hours of content



Teacher and student friendly



Structured lessons

Get to know electronics through hands-on activities.



Assembly



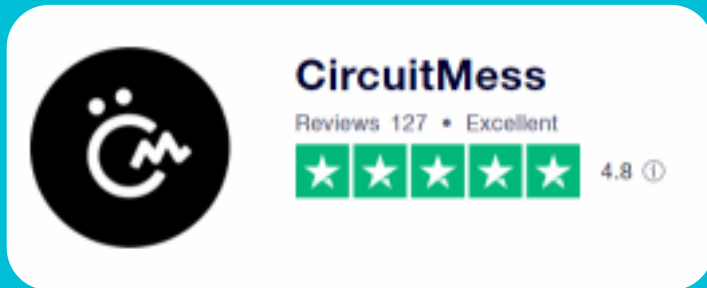
Electronics



Soldering



People all around the world love it!



★★★★★ Alan Beelitz, USA

Excellent product with some of the finest instructions I've seen. I am a very experienced engineer but I think this would be an enjoyable build for just about anyone.

★★★★★ Matt, Germany

Great products with a fantastic message. Fast delivery. A joy to use and play with for kids and adults as well.

★★★★★ Francis Ellington, USA

More was provided than I expected, most especially the customer service, which I utilized to a fair degree, and they were helping 100% of the way!

As seen in media



Mashable

"It is surprisingly cool looking and unmistakably retro."



Forbes

"What sells MAKERbuino is the sense of satisfaction, accomplishment, and ownership that comes with assembling your own game console from scratch."



Tech Crunch

"It's a fun project and maybe you could make it your weird home messaging machine. I don't know. Be creative."

55,000+ sets sold worldwide



32000+
customers

80+
countries



orders@circuitmess.com

