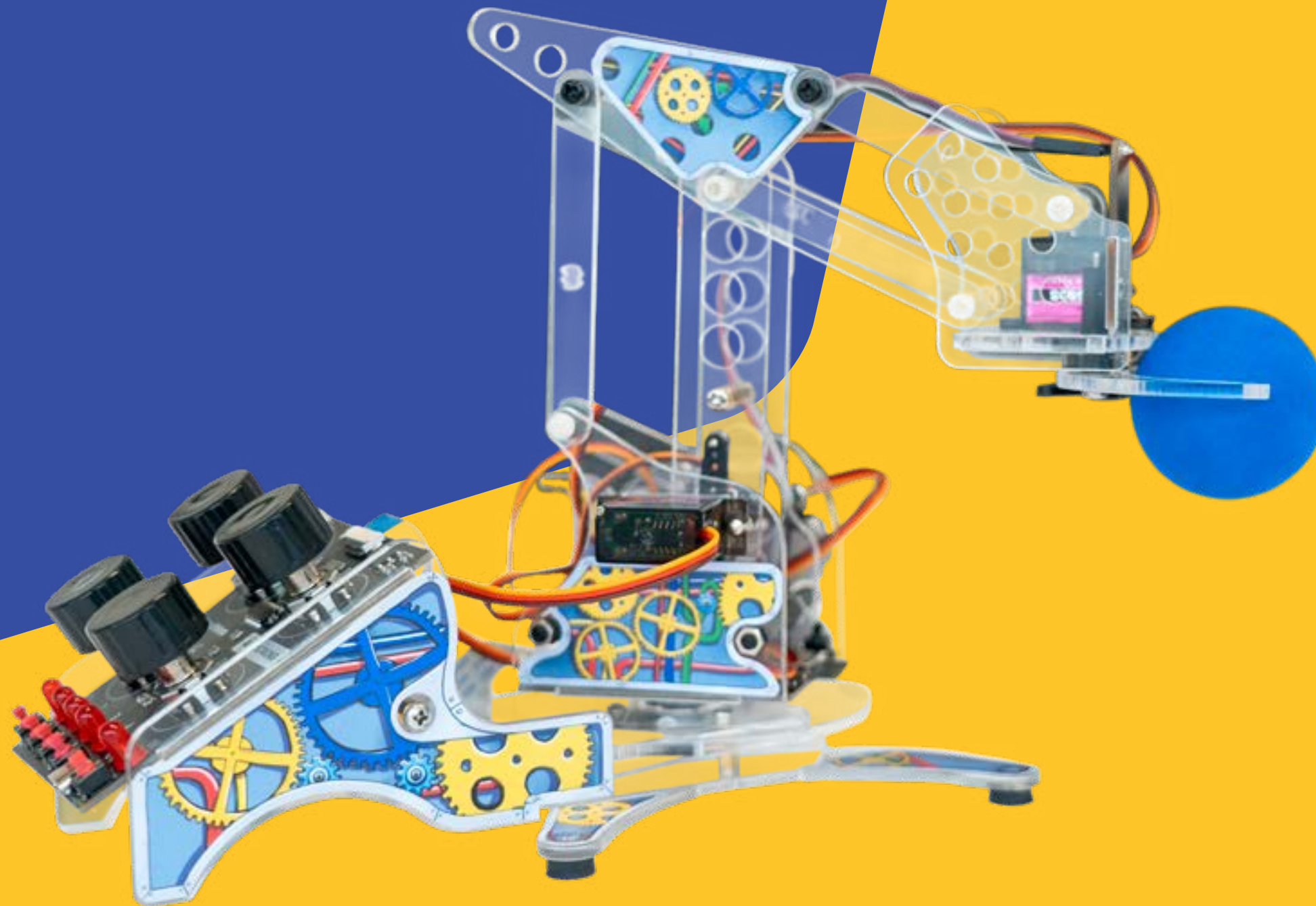
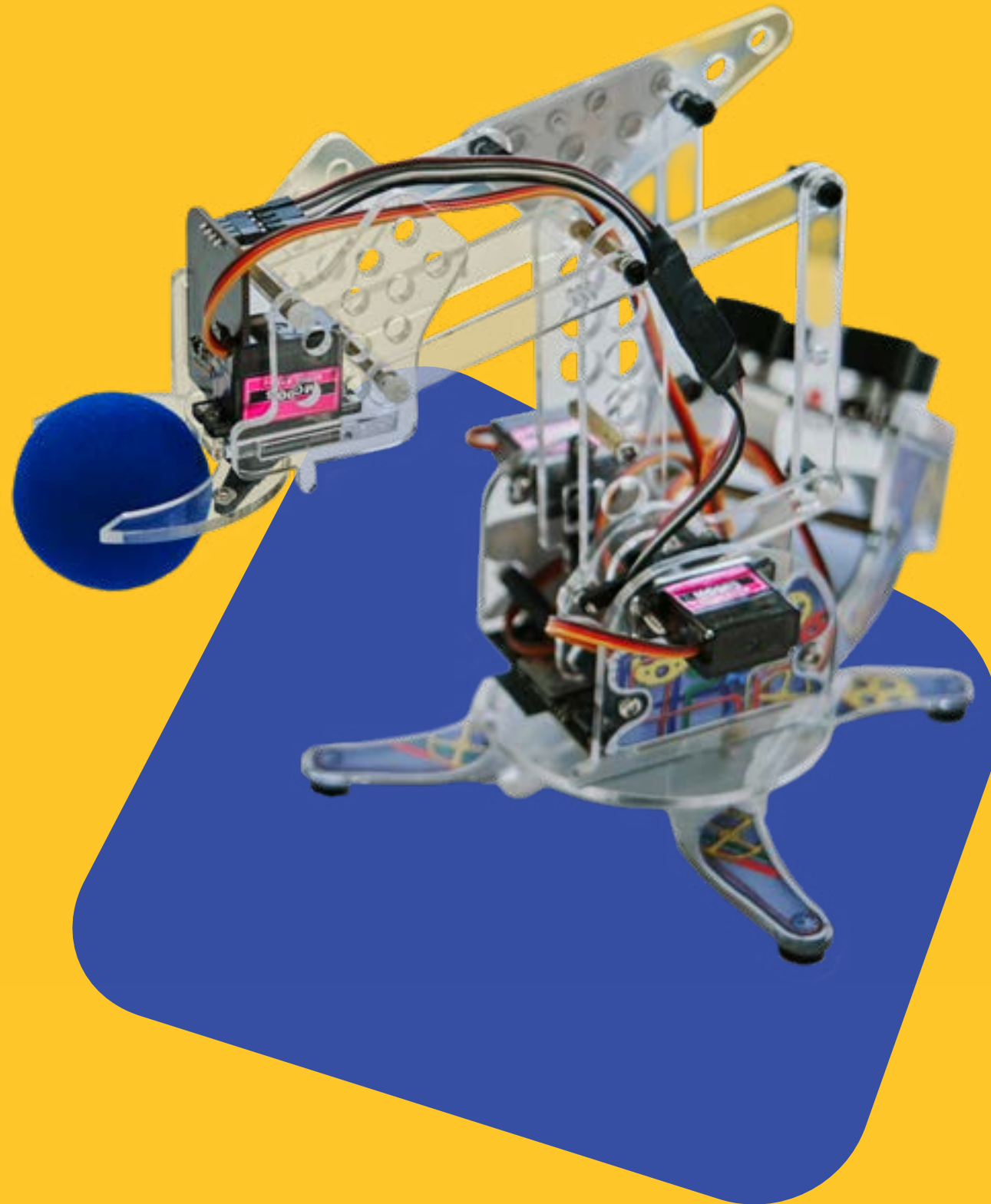


Actual STEM, serious fun



 CircuitMess
ARMSTRONG



Armstrong

Build & Code Your Own

Robotic Arm

Armstrong is a robotic arm that can be programmed to perform different tasks – a perfect help for those lazy days.

MSRP

119,99 USD

HOW DOES IT WORK?

1



Follow the guides and assemble your Armstrong

2



Learn about robotic arms and industrial automation

3



Hook your Armstrong to a computer and code it

4

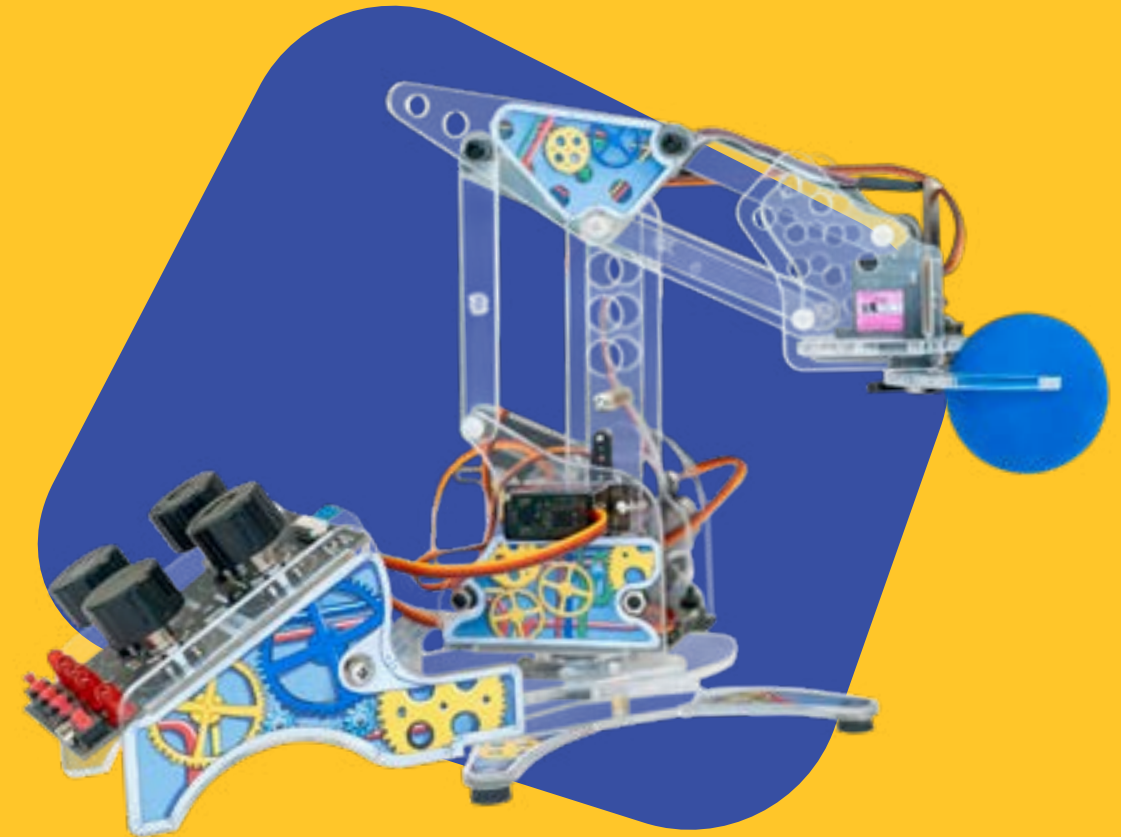


Sit back, relax and enjoy as you watch Armstrong do all the work!



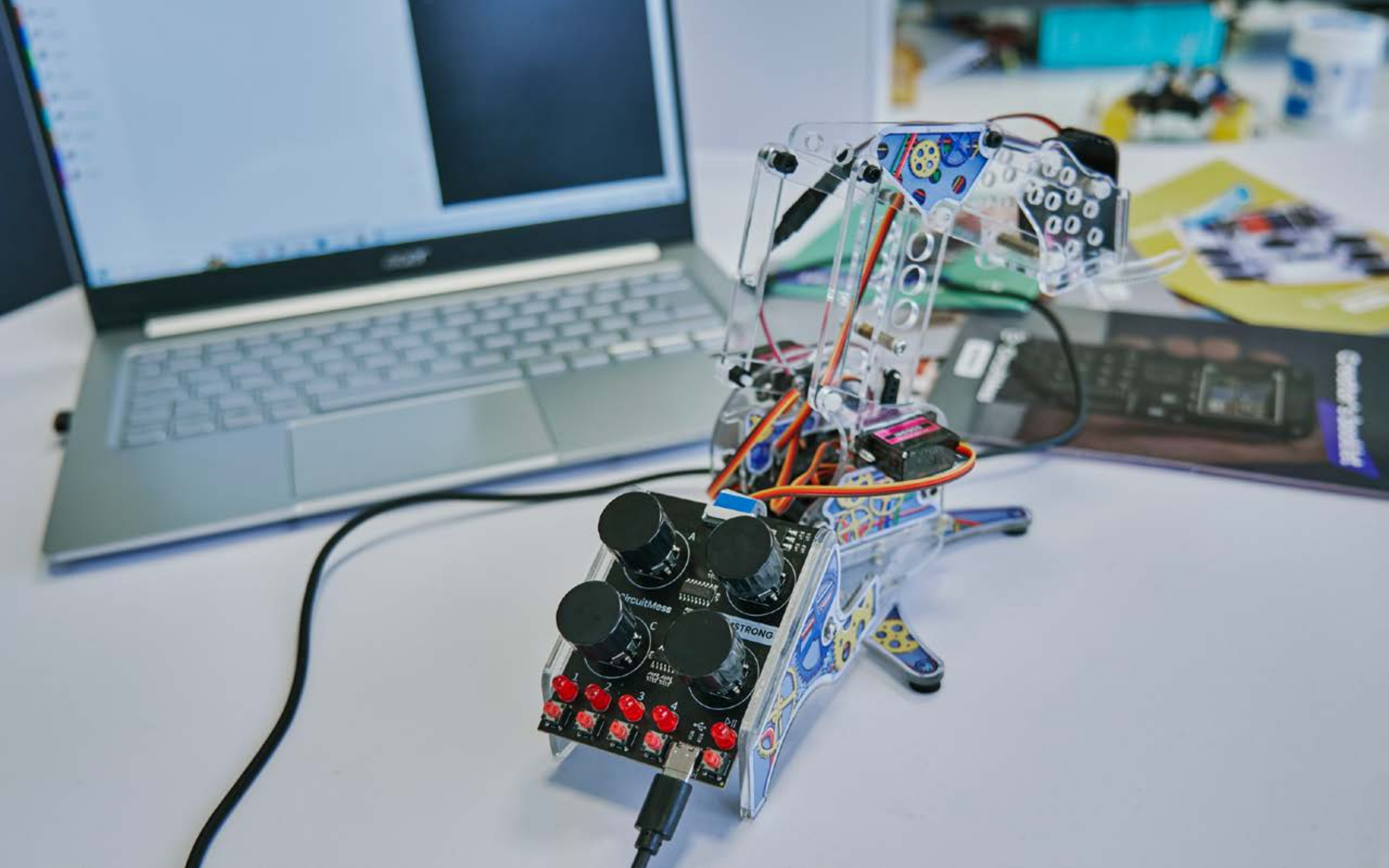
What educational toys should NOT do:

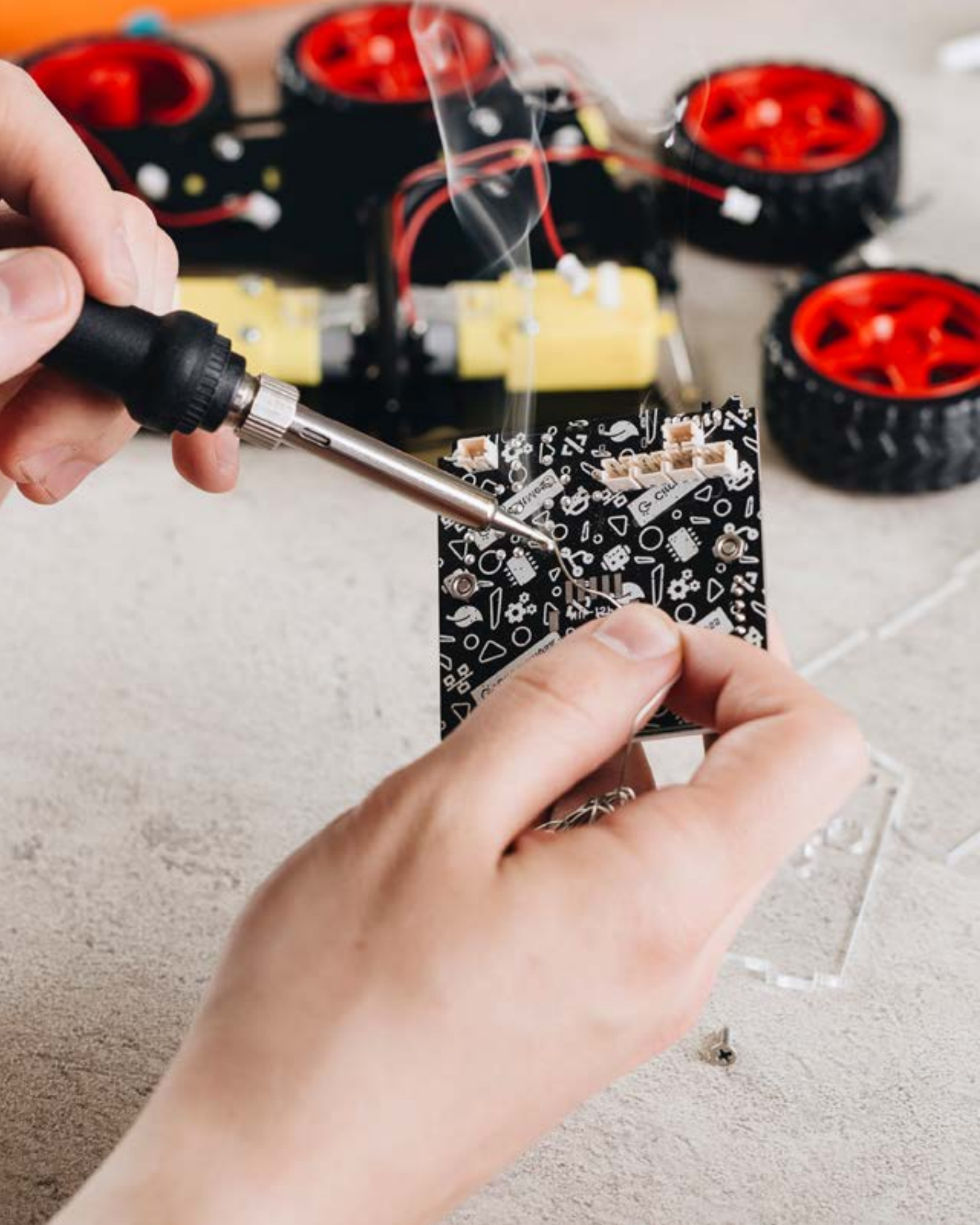
- Lack actual useful educational content
- Be a label for cheap regular toys
- Enforce gender stereotypes



What educational toys should do:

- Teach you actual science
- Provide hours of building and infinite enjoyment
- Provide real-world application





You'll learn about hardware



Soldering & hardware assembly



Robotic arms and
industrial automation



Reflective color sensors



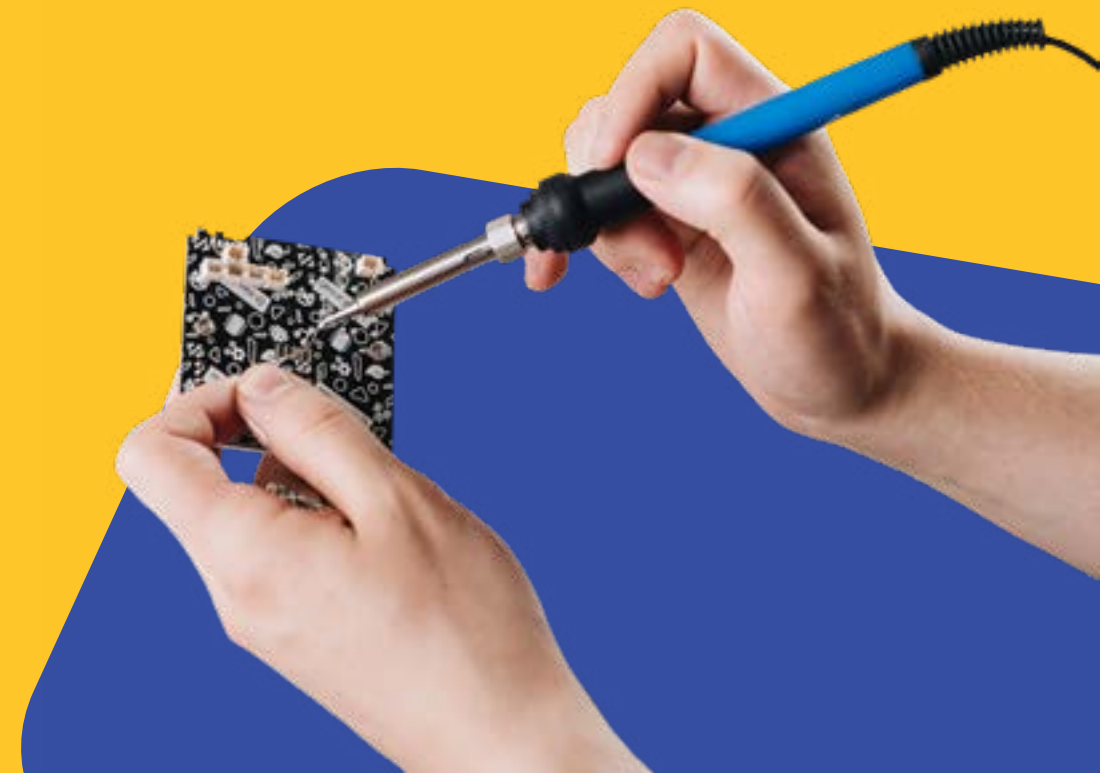
Microcomputers and other
electronic components



~4 hours
build time



Ages 11+



You'll learn about software



Coding in C++ & CircuitBlocks



Control servo motors using
a microcomputer



Embedded programming



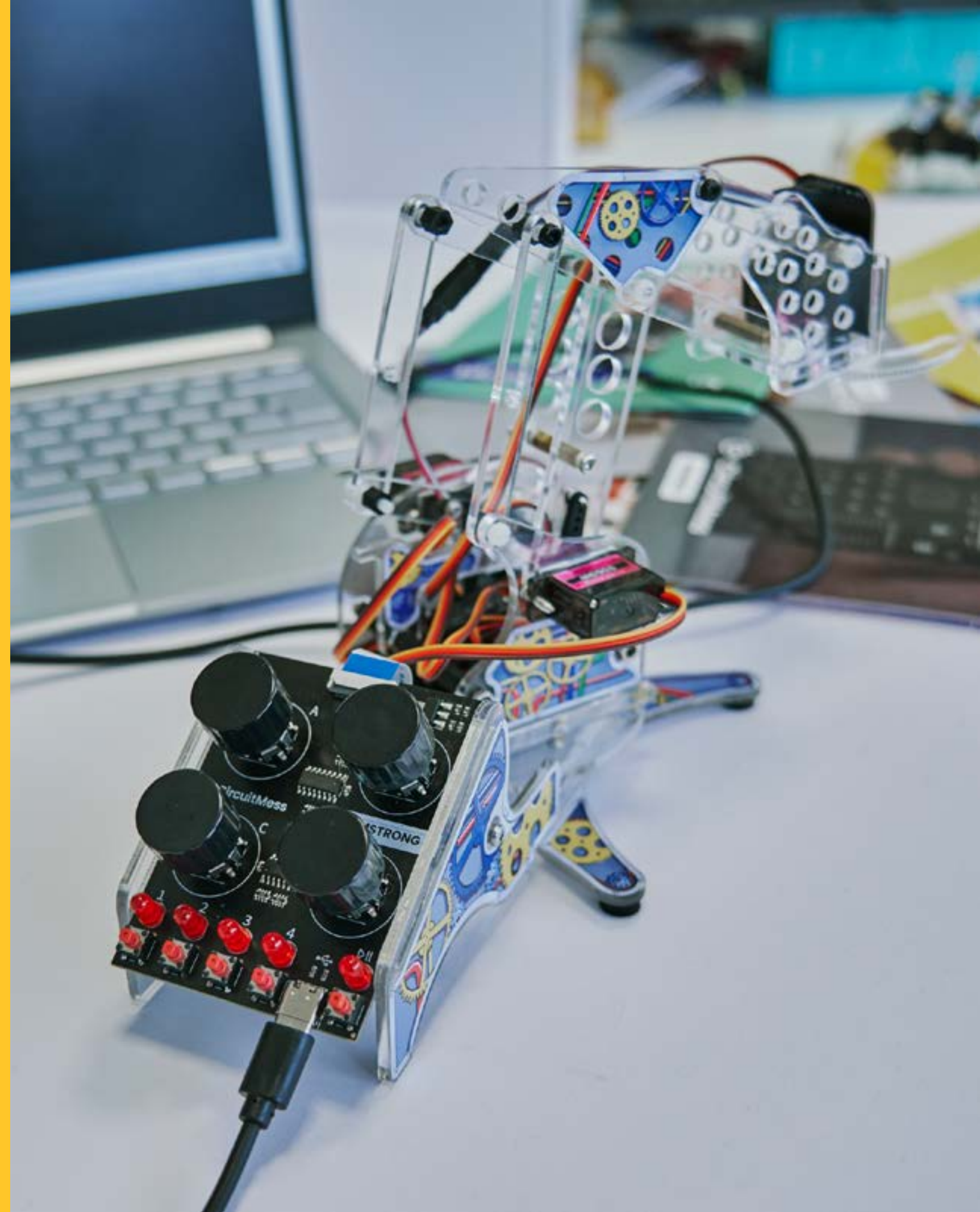
Code IFTT (if this, then that)
tasks for your Armstrong




**10 hours of
learning**



Infinite fun



What's inside the box?

- | | | | | | |
|----|---|---------------------|----|---|-------------------------------|
| 1 |  | RGB LED | 13 |  | Header connector cable |
| 2 |  | Red LEDs | 14 |  | Rotary encoders + caps |
| 3 |  | Male pin headers | 15 |  | 3xAA battery holder |
| 4 |  | Push buttons + caps | 16 |  | Acrylic mechanical parts |
| 5 |  | JST connector | 17 |  | Colored demonstration objects |
| 6 |  | Servo motors | 18 |  | Sticker sheet |
| 7 |  | FPC ribbon cable | 19 |  | Metal screws |
| 8 |  | USB-C cable | 20 |  | Motor levers |
| 9 |  | Anti-slip pads | 21 |  | Brain board |
| 10 |  | Nylon bolts | 22 |  | Control board |
| 11 |  | Nylon spacers | 23 |  | Sensor board |
| 12 |  | JST extender cable | | | |





Things you can do with your Armstrong as soon as you assemble it:

- Move things around: Once you've assembled your Armstrong, you can make it pick up and move small objects like a pro. It's like having your own personal robot helper!
- Teach it new tricks: Armstrong can be programmed to perform various tasks
- Connect it to Wheelson, a DIY robot car and form a super-smart robotic car that does all your house errands for you
- Connect it to Byteboi, a DIY game console and use it as a controller for Armstrong

Getting started with coding has never been easier

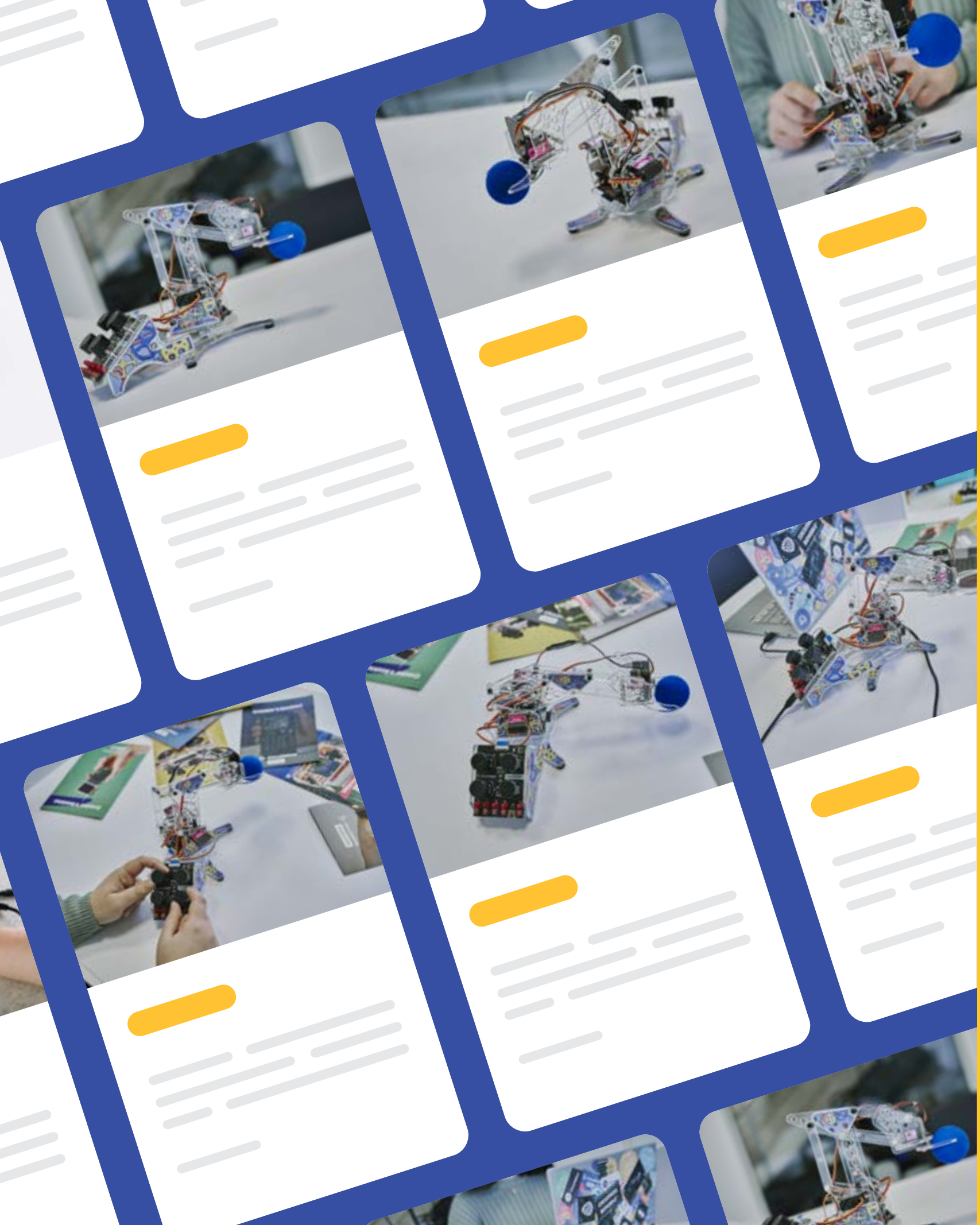
You can code Armstrong in CircuitBlocks — our custom-made code editor similar to Scratch that makes it easy for beginners to get into physical computing.

 **Circuit** **BLOCKS**

 **Logic blocks**

 **C++ coding**








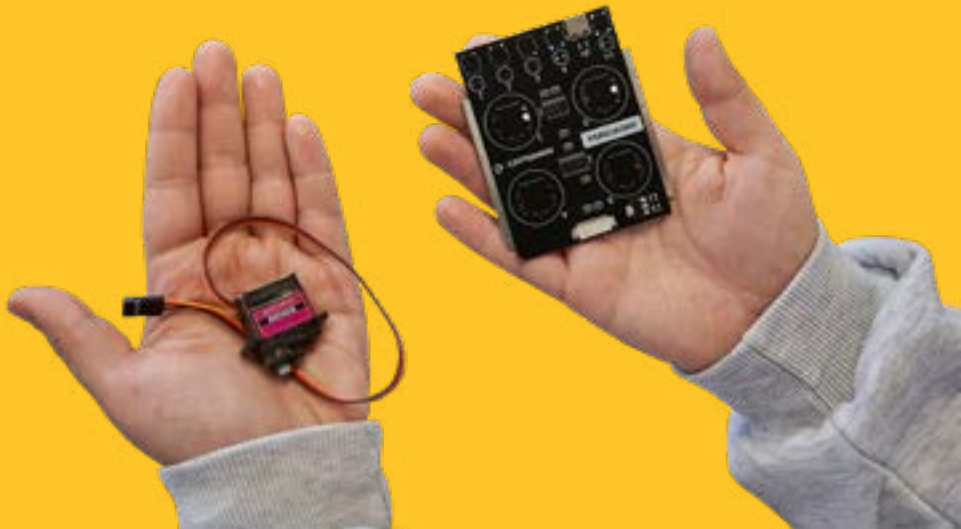
Get instructions from our custom-made curriculum

-  15+ hours of content
-  Teacher and student friendly
-  Structured lessons

3 MAIN TOPICS

Get to know electronics through hands-on activities. Assemble the kit and create your own apps and games.

-  Assembly
-  Electronics
-  Programming



People all around the world love it!



CircuitMess

Reviews 127 • Excellent

★

★

★

★

★

4.8 ⓘ

★

★

★

★

★

Peter Mansvelder, United Kingdom

I use these kits for my daughter, she is so fond of them she wished her school used them... It is a great way to get her acquainted with technology, stimulate her creativity, and share some of my passion for electronics.

★

★

★

★

★

Matt, Germany

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

★

★

★


★

★


Foulonc, Belgium

Thank you for an awesome product yet again! Quality of components is again top notch, manual is clear. Had great fun building this one.


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."

\$400k+ raised on Kickstarter

- 

\$408,749

raised out of a \$15,000 goal

2,001

backers



business@circuitmess.com