



Actual STEM, serious fun



CircuitMess

NIBBLE



Nibble

MSRP

79,99 USD

New and improved version of MAKERbuino – a DIY game console that teaches you electronics and coding!

HOW IT WORKS?



1 Assemble your game console



2 Insert batteries



3 Play retro games



4 Code new games

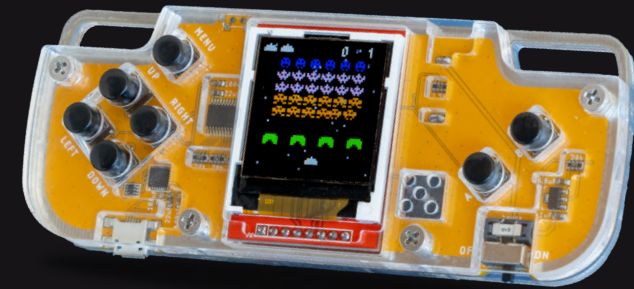


✗ What educational toys should NOT do:

Lack actual useful educational content

Be a label for cheap regular toys

Enforce gender stereotypes



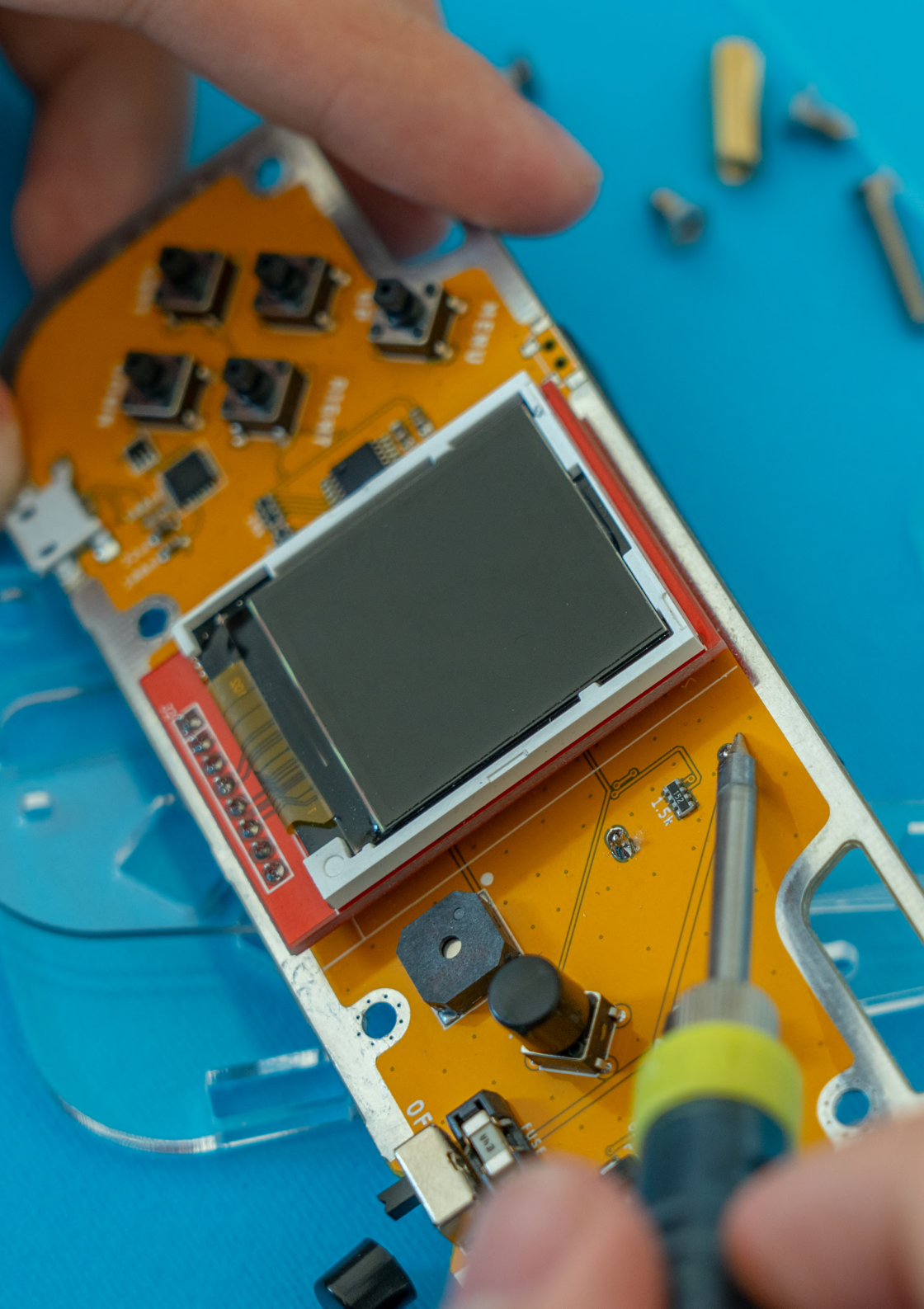
✓ What educational toys should do:

Teach you actual science

Provide hours of building and infinite enjoyment

Provide real-world application





Learn about hardware



Learn soldering



Learn electronics



~2 hours build time



Ages 9+



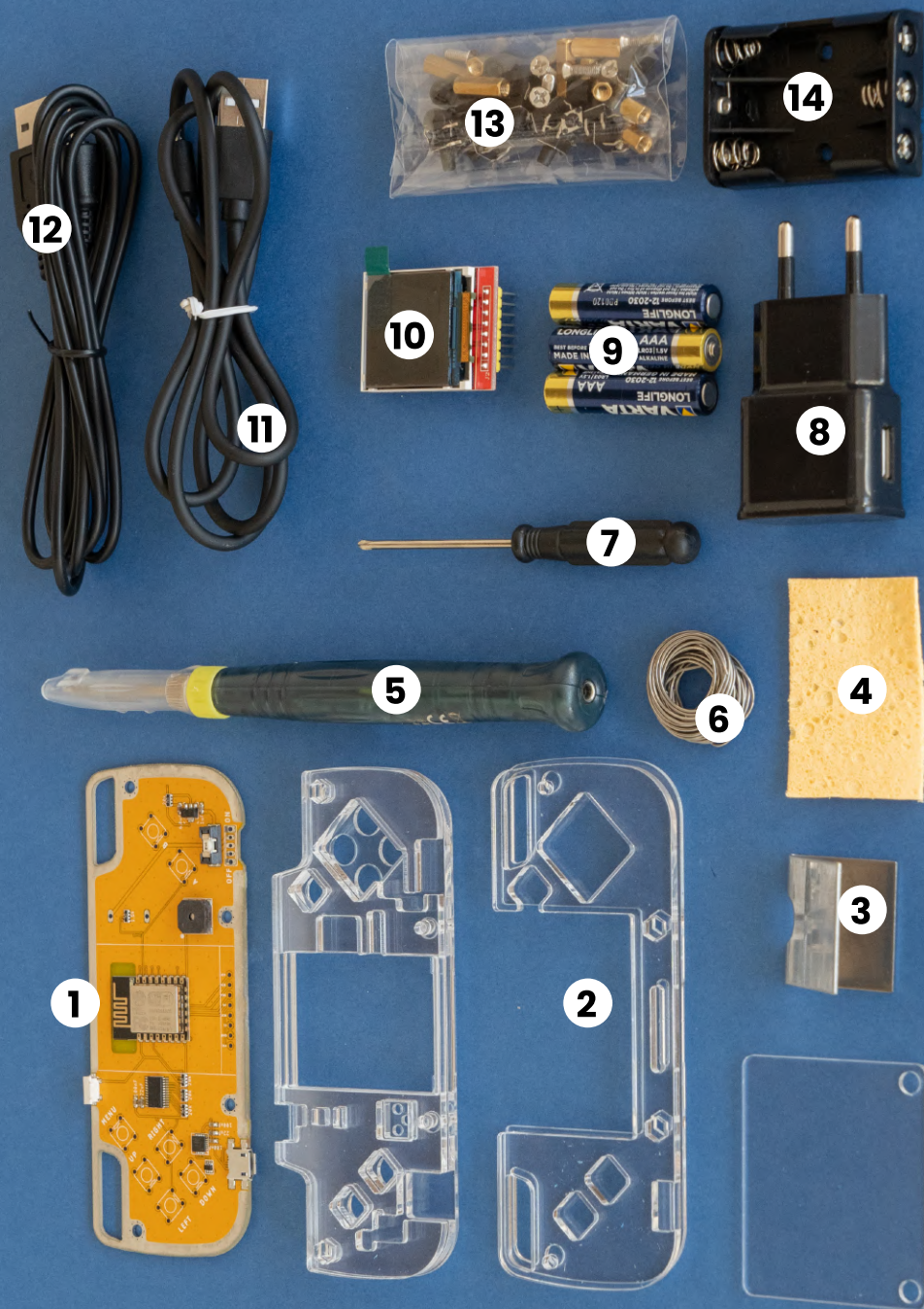
Learn how to code

 C/C++, Python, Scratch

 Make apps & games

 10 hours of learning

 Infinite fun



What's inside the box?

- | | | | | | |
|---|---|---|----|---|---|
| 1 |  | Main circuit board
Onboard 160 MHz 32-bit CPU, 4MB of flash memory, 80kB of RAM | 8 |  | 2A USB power supply for the soldering iron |
| 2 |  | Acrylic casing
6 pieces of transparent plastic | 9 |  | AAA alkaline batteries |
| 3 |  | Metal soldering iron stand | 10 |  | LCD display
Full-color TFT LCD screen with 128x128 resolution |
| 4 |  | Sponge
For wiping your soldering iron | 11 |  | Micro USB cable
For programming your Nibble |
| 5 |  | USB soldering iron
8W of power, replaceable tips, capacitive touch sensor | 12 |  | USB soldering iron's power cord |
| 6 |  | Solder wire | 13 |  | Bag with small components |
| 7 |  | Cross screwdriver | 14 |  | Battery holder |



Nibble has games

Nibble comes preloaded with 4 retro games.



Getting started with coding was never easier!



You can code games for your Nibble in **CircuitBlocks** – a dedicated graphical code editor similar to Scratch or Code.org that makes it easy for beginners to get into embedded programming.



Open-source



C++ coding

Nibble has a build guide



10+ 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

Trustpilot reviews



Benita McAdoo

" We have been buying from CircuitMess for over a year now. We have had great service. Even though this is a business, they treat their customers like friends. I highly recommend Albert and his crew! "



Dmitar Raev

" We were really impressed and grateful for their customer service. My son enjoys playing games on it and has the sense of satisfaction that comes from assembling a working device. Thanks so much for everything. "

As seen in media



BBC News

"Fancy making your own gaming console? 18-year-old student Albert Gajšak is giving you everything you need to make it happen."



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."