

**Actual STEM,
serious fun**



CircuitMess

SPENCER



Spencer

MSRP

119 USD

Build & code your own voice assistant

Spencer is a DIY voice assistant that talks, lights-up, connects to the internet, and understands simple voice commands.

He also has a funny personality, tells jokes, and finds new ones online.

HOW IT WORKS?

-  **1 Assemble your very own personal voice assistant**
-  **2 Turn it on and ask Spencer to tell you a joke**
-  **3 Connect Spencer to your computer and code it**
-  **4 Customize Spencer and teach him new voice commands**



✘ 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

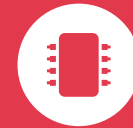




You'll learn about hardware



Learn how to solder and assemble your very own personal voice assistant



Learn about microcomputers & electronics



Find out how an LED grid display works



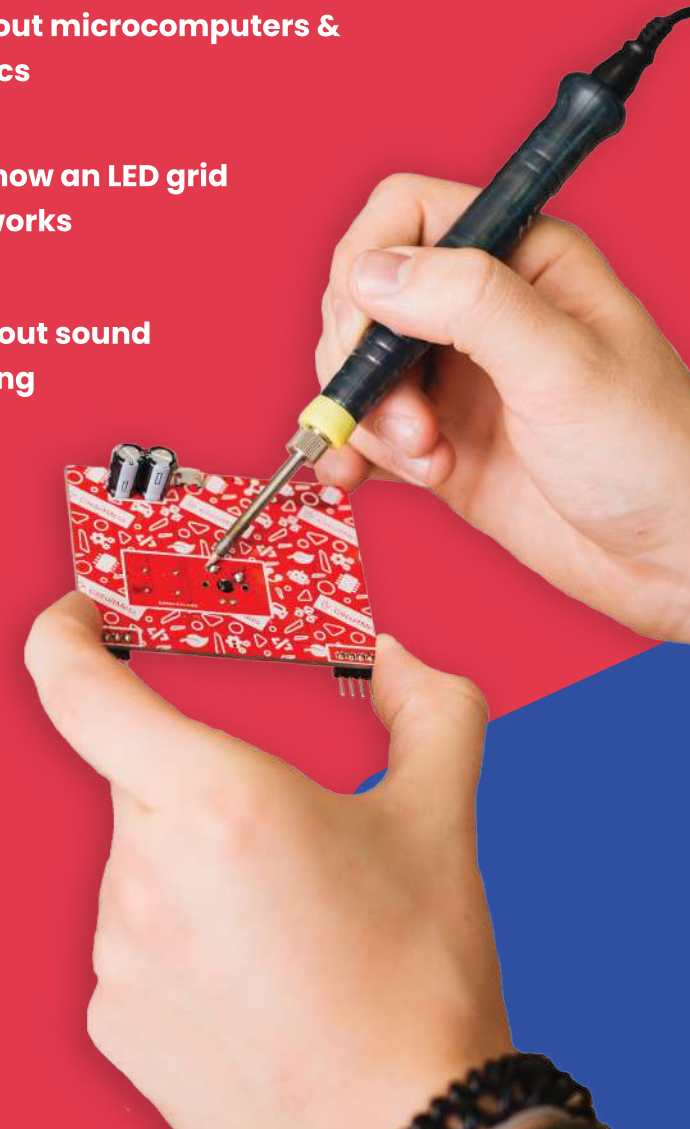
Learn about sound processing



~3 hours
build time



Ages 11+





You'll learn about software



Learn about artificial intelligence and how to make Spencer smart



Learn about voice recognition and speech synthesis



Learn how to code a microcomputer in C/C++ and CircuitBlocks



Learn about the Internet of things
















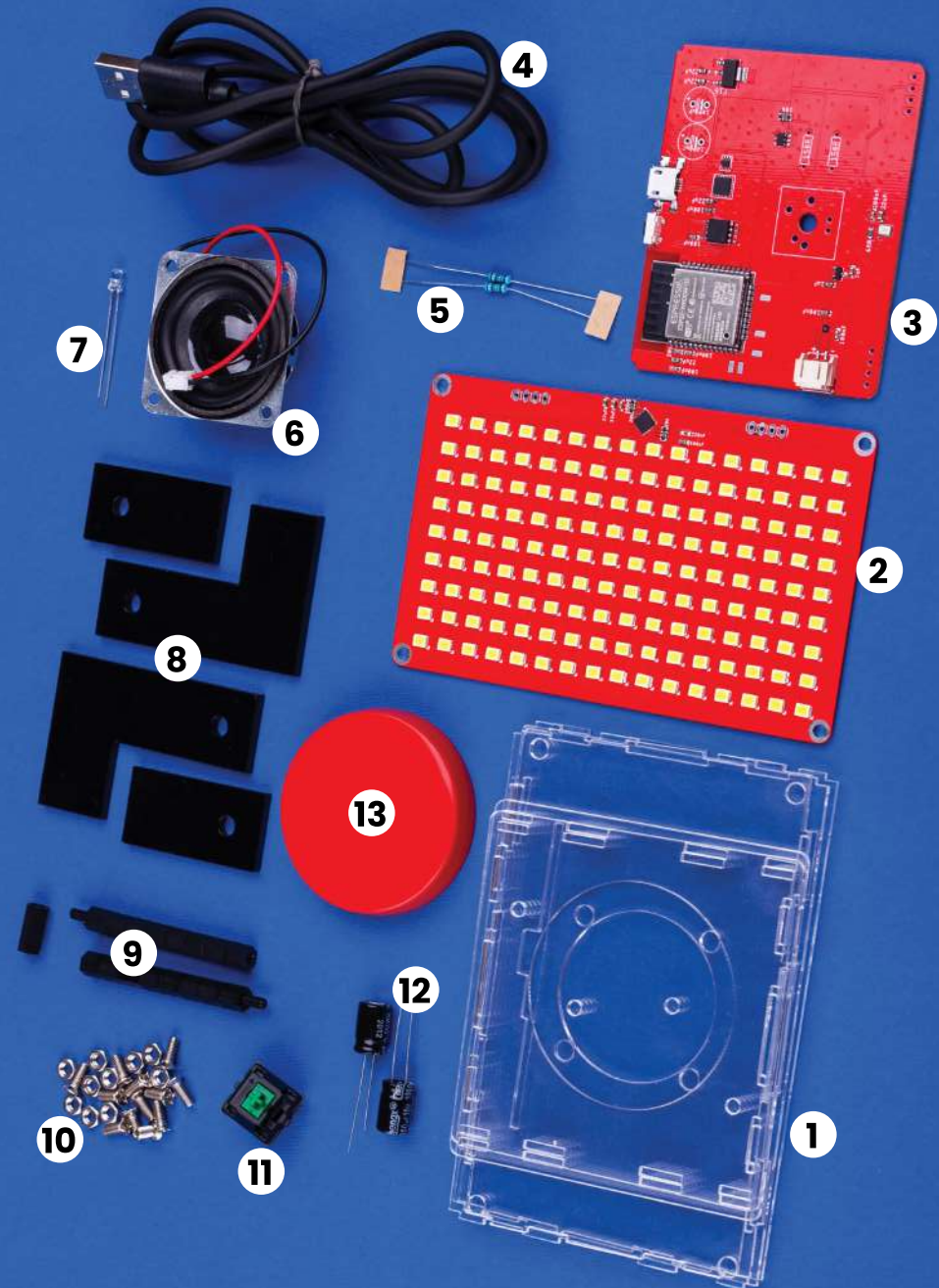
10 hours of learning



Infinite fun

What's inside the box?

- 1  Acrylic plastic enclosure
- 2  Spencer's front display board
- 3  Spencer's brain board
- 4  Micro USB cable
- 5  Resistors
- 6  Speaker
- 7  A small LED that illuminates Spencer's button
- 8  Spencer's arms and legs
- 9  Plastic spacers for holding the casing together
- 10  Nuts and bolts
- 11  Pushbutton switch
- 12  Electrolytic capacitors
- 13  Big red button





Things Spencer can do as soon as you assemble him:

- Tell you the weather forecast for your area
- Tell you a joke
- Sing a song
- Set an alarm or reminder
- Show animations
- Make corny popular culture references

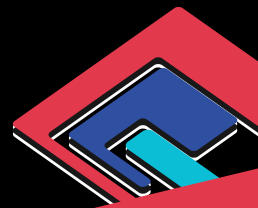
Getting started with coding has never been easier

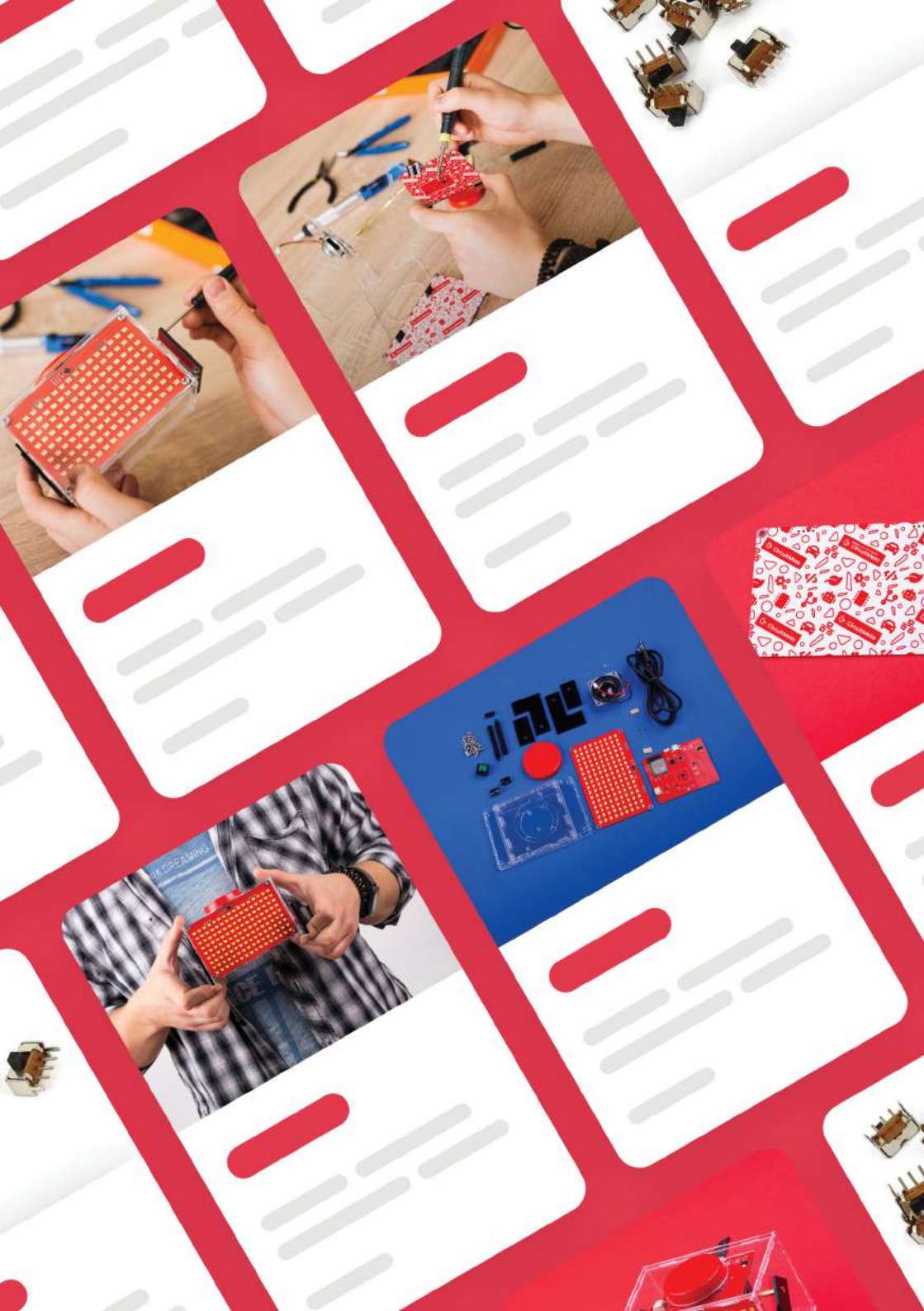
You can code Spencer in CircuitBlocks - our custom-made code editor similar to Scratch that makes it easy for beginners to get into physical computing.

 **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

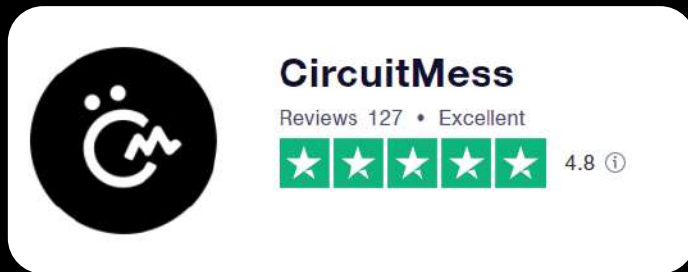


Electronics



Programming

People all around the world love it!



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."

\$400k+ raised on Kickstarter



\$408,749

raised out of a \$15,000 goal

2,001

backers