

**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





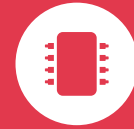




## You'll learn about hardware



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



Learn about microcomputers & electronics



Find out how an LED grid display works



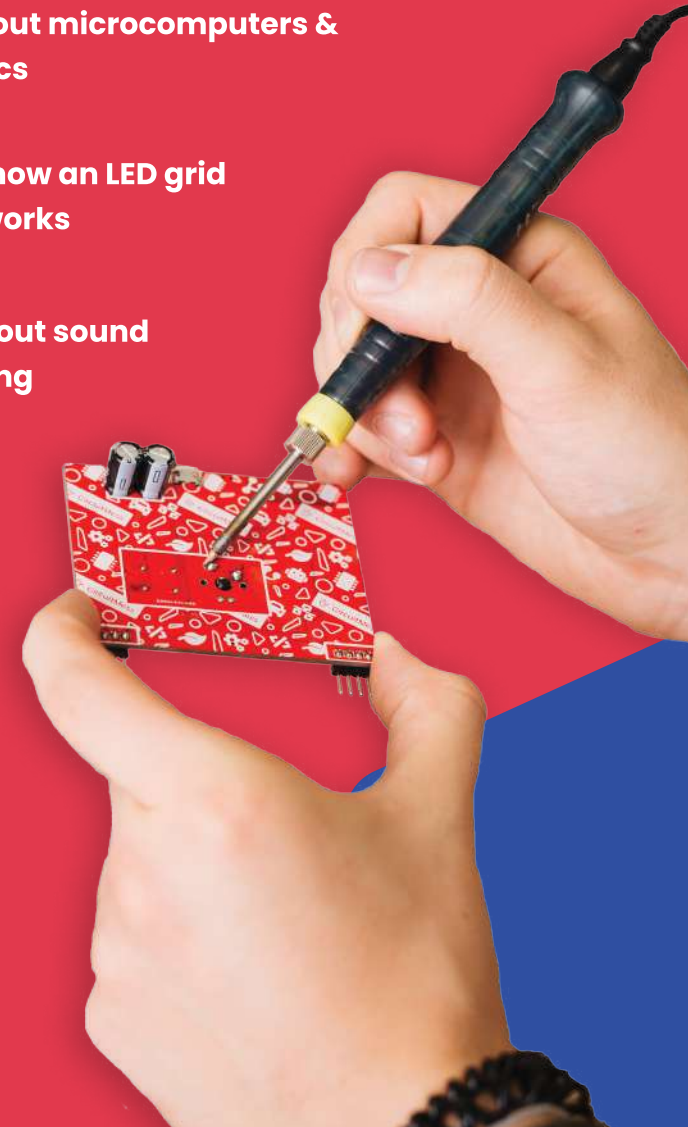
Learn about sound processing



~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

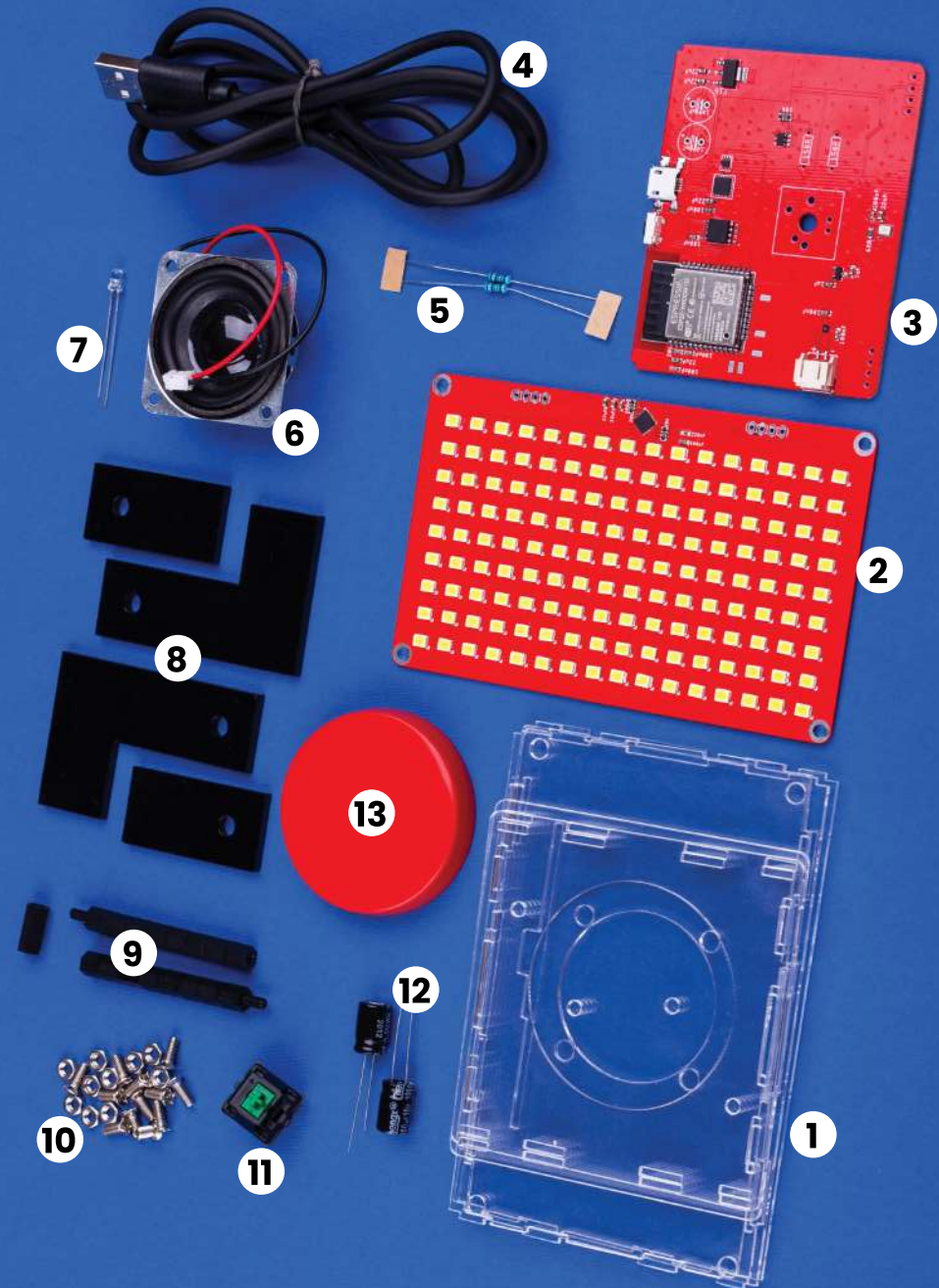


Infinite fun



# 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

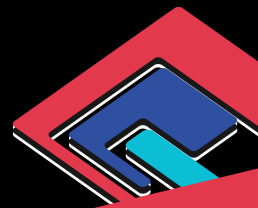
## Getting started with coding has never been easier

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.

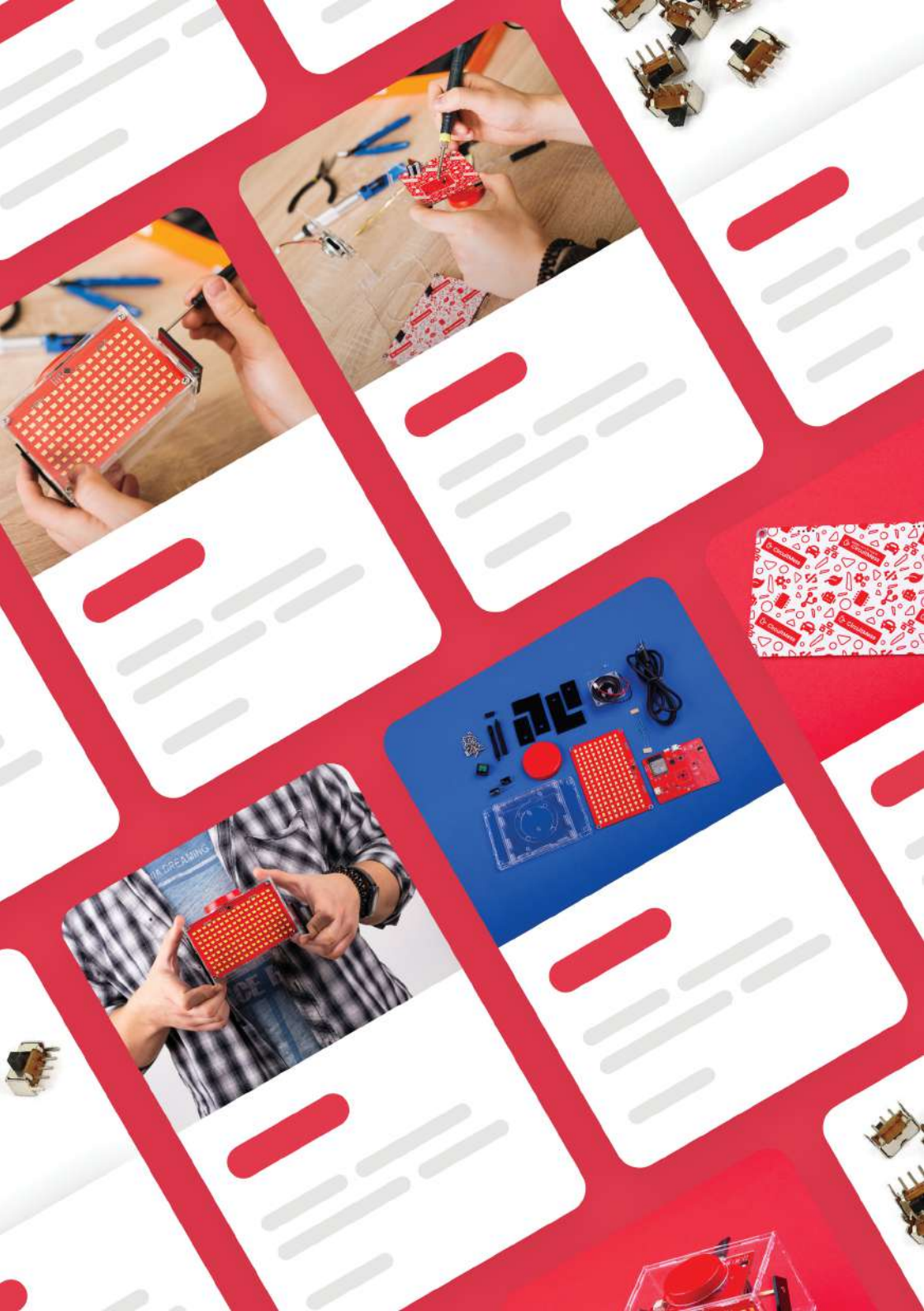
 **Circuit** BLOCKS

 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





[orders@circuitmess.com](mailto:orders@circuitmess.com)

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