

Let's get started! 🎉

Choose a project and click **MAKE THIS**. Codey gets the code and the wiring diagram ready for you. Start with a project with one star ★ if you have never done anything with Arduino before.



★ ⌚ 10 minutes

Your first breadboard circuit

Practice with the breadboard: make an LED light up and then blink.



★ ⌚ 10 minutes

Blinking Light

Your very first project: make an LED blink.



★ ⌚ 15 minutes

Traffic light

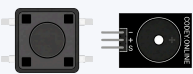
Three LEDs that work like a real traffic light.



★ ⌚ 15 minutes

Light switch

Press the button and the lamp turns on. Again: off.



★ ⌚ 10 minutes

Doorbell

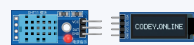
Press the button for a happy ding-dong.



★ ⌚ 10 minutes

Rainbow Ring

The LED ring spins in all the colors of the rainbow.



★★ ⌚ 20 minutes

Mini weather station

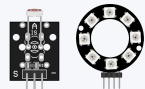
Temperature and humidity on your own little screen.



★★ ⌚ 20 minutes

Parking sensor

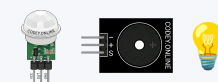
The closer you are, the faster it beeps. Just like in a car.



★★ ⌚ 15 minutes

Night Light

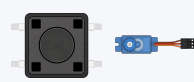
Is it getting dark? Then the lamp turns on by itself.



★★ ⌚ 20 minutes

Motion alarm

Is someone walking by? Then the alarm goes off!



★★ ⌚ 20 minutes

Barrier

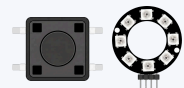
Press the button and the barrier opens.



★★ ⌚ 25 minutes

Reaction Game

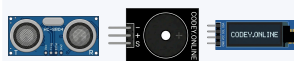
How fast are you? Measure your reaction time.



★★ ⌚ 15 minutes

Electronic dice

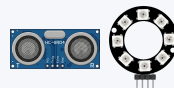
Press the button and roll a dice made of light.



★★★ ⌚ 30 minutes

Deluxe parking sensor

Beeps and shows the distance in centimeters on a little screen.



★★★★ ⌚ 25 minutes

Distance meter with light bar

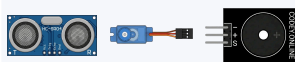
The closer it is, the more lights: green, orange, red.



★★★★ ⌚ 30 minutes

Smart fan

Too warm? Then the relay turns the fan on.



★★★★ ⌚ 30 minutes

Automatic barrier

Is a car coming? Then the barrier opens by itself.

Do you have your own idea? Even better! Open Codey and tell it what you want to make. For example: "Make a light that blinks faster when it gets warmer."