

How Codey works

Codey is your programming buddy. Everything is in one screen. These are the most important buttons.

The screenshot shows the Codey Online interface with the following components and functions:

- 1 The chat:** A sidebar on the left with a search bar, a list of chat topics (e.g., "KIT Tutorial: Mini w", "PROJECT FILES", "sketch.ino"), and buttons for "EXPLORE ALL OF CODEY ONLINE", "OTA BOARDS", "HELP & SUPPORT", and language selection.
- 2 The code:** A central code editor showing a C++ sketch for a Mini weather station. It includes comments and code for including libraries, defining pins, and reading temperature and humidity data from a DHT11 sensor and displaying it on an OLED screen.
- 3 Compile & Upload to board:** A button at the top of the code editor that triggers the compilation and upload process to the connected Arduino board.
- 4 Wiring diagram:** A diagram showing the physical connections of the components on the Arduino Uno board, including the DHT11 sensor, the OLED display, and the LED.
- 5 Serial Monitor:** A button at the bottom right of the interface that opens the serial monitor to view the data being sent from the Arduino to the Codey Online interface.
- 6 My Kit:** A button at the bottom right of the interface that opens the "My Kit" section, which lists the components included in the starter kit.

1 The chat

Here you talk with Codey. Type what you want to make or change, in normal words.

2 The code

Here is the code that Codey writes for you. You can also type in it yourself.

3 Compile & Upload to board

One button for everything: Codey checks your code, gets it ready (compiling), and sends it through the USB cable to your Arduino (uploading). Is there an error? Then Codey can often fix it by itself.

4 Wiring diagram

Shows which wire goes where. You see it in the chat; click it to see it bigger.

5 Serial Monitor

Here you see the messages that your Arduino sends, for example the temperature or a distance.

6 My Kit

All the parts from your starter kit. Codey only uses things that you have.

Good to know: with your starter kit, you can use Codey as much as you want in your kit chats. You can ask Codey anything, also "what does this line do?" or "why does it not work?".