# ARDUINO
EDUCATION

Discover the Arduino Explore IoT Kit

Get advanced high school and college students started with creating connected devices- known as the Internet of Things- quickly and easily. They´ll learn how to build internet- connected objects such as home security alarms, classroom tracker, and an urban farming device by following the content step-by-step tutorials for ten different projects. Fun, creative experiments with real-life components.

Arduino Education Learning Evolution

Our aim is to help students achieve their dream careers in STEAM. Our cross-curriculum content and open-source approach are essential tools for STEAM classes that develop with students as they progress through **middle school, high school, and university**, preparing them for a successful future.

Middle School
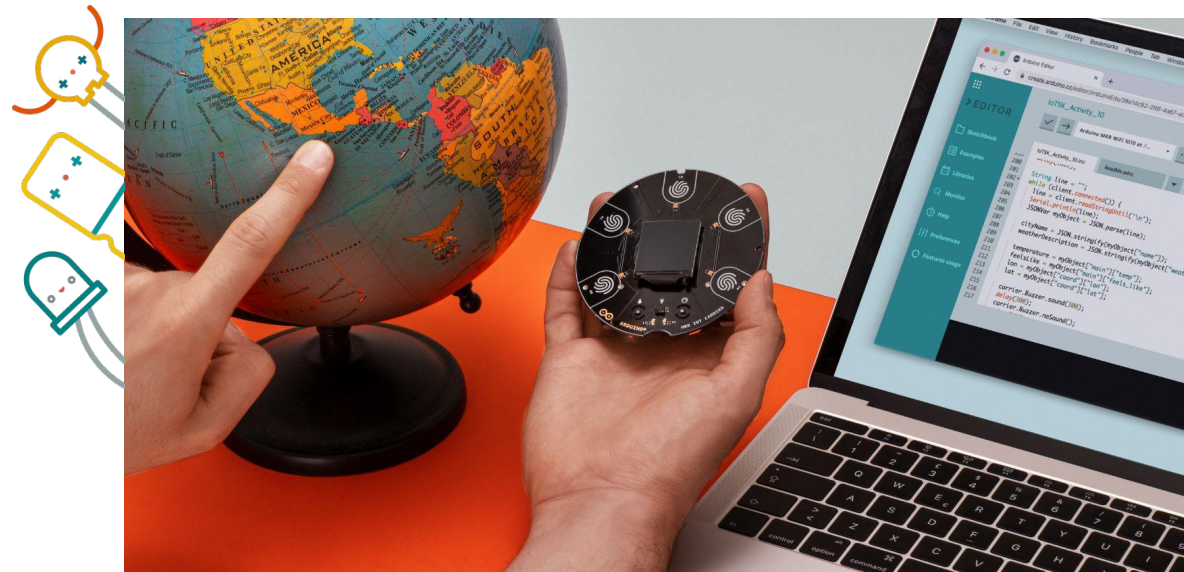
High School

University

Education Starter Kit	Science Kit Physics Lab	Student Kit	Starter Kit Classroom Pack	CTC Go! Core Module	CTC Go! Motions	Explore IoT kit	Certification Program	Engineering Kit
Age 11-14	Age 11-14	Age 11-14	Age 14+	Age 14-17	Age 14-17	Age 16+	Age 16+	Age 17+

Arduino Explore IoT Kit

Product Benefits

- Get students started quickly and easily with the Internet of Things
- Make a complex subject simple and accessible
- Be an innovator, learn how to use technology to make an impact on society
- Build functional prototypes inspired by real-world applications
- Learn critical future skills for 21st century careers
- Gain confidence in designing and making your own connected projects

CAPACITIVE TOUCH BUTTONS

IMU SENSOR

TEMPERATURE & HUMIDITY SENSOR

PRESSURE SENSOR

LIGHT SENSOR

Key Learning Values

-Using the IoT Cloud and connected devices
-Collecting, processing, and storing data
-Graphing and visualizing data
-Different sensors and how to use them

Lessons Included

➔ Urban Farming 101
➔ Remote Triggers
➔ Storing our data
➔ Classroom tracker
➔ Home security alarm

IoT is rapidly becoming a fundamental part of everyone's life. It means a different way of looking at the world, a different way of thinking.

- Chris Rogers, Professor B.S., M.S, & P.h.D. Mechanical Eng

Discover more at: **store.arduino.cc**