



Discover the Arduino CTC GO! Motions Expansion Pack

The Motions Expansion Pack is a build on module from our CTC GO! Core Module. It challenges students to go a step further in computing, design and technology by introducing them to new and more complex programming concepts that develop their logical reasoning, computational thinking and problem-solving skills. As an educator you'll get all the teaching support you need with webinars, videos and direct contact with an expert.

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.



Education Starter Kit
Age 11-14

Science Kit Physics Lab
Age 11-14

Student Kit
Age 11-14

Starter Kit Classroom Pack
Age 14+



CTC Go! Core Module
Age 14/17

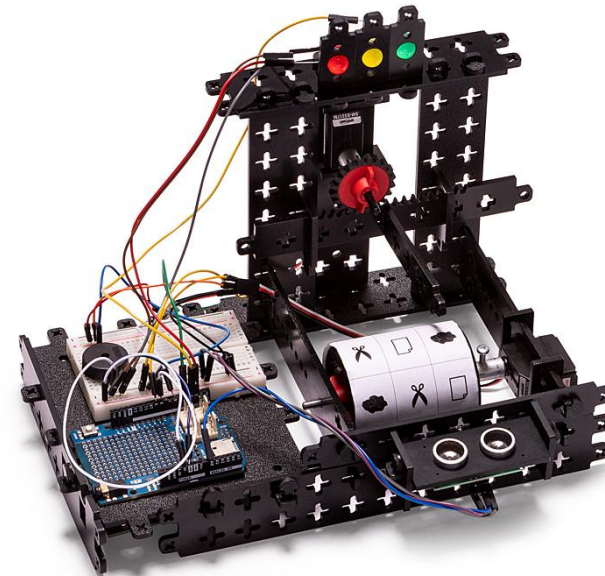
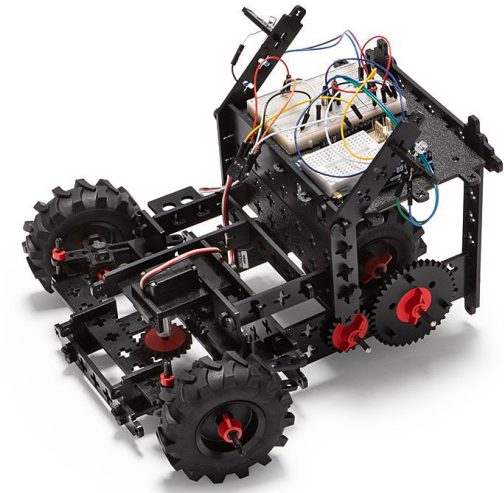
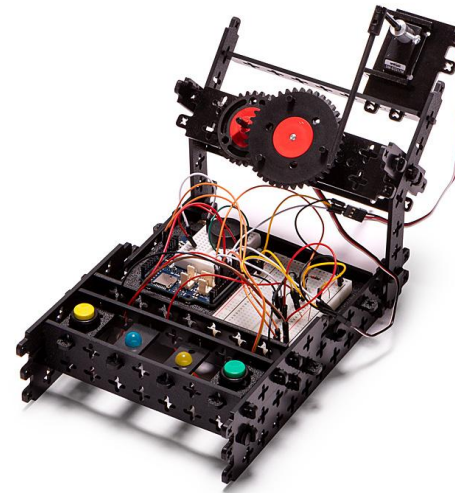
CTC Go! Motions
Age 14-17

Explore IoT kit
Age 16+



Certification Program
Age 16+

Engineering Kit
Age 17+



Arduino CTC GO! Motions Expansion Pack

Product Benefits

- Extend students learning and challenge them to go one step further
- Boost learning outcomes in STEAM subjects
- An easy-to-implement seamless addition to the Core Module
- Teach engaging lessons that are relevant, playful, and enable all students to thrive
- Enhance students' problem-solving skills with specially-designed content and class dynamics

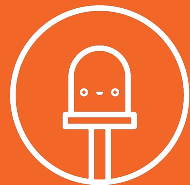


Key Learning Values

-Understanding the basis of servo control and being able to translate servo's rotational and linear motion by using gears and pulleys

Lessons Included

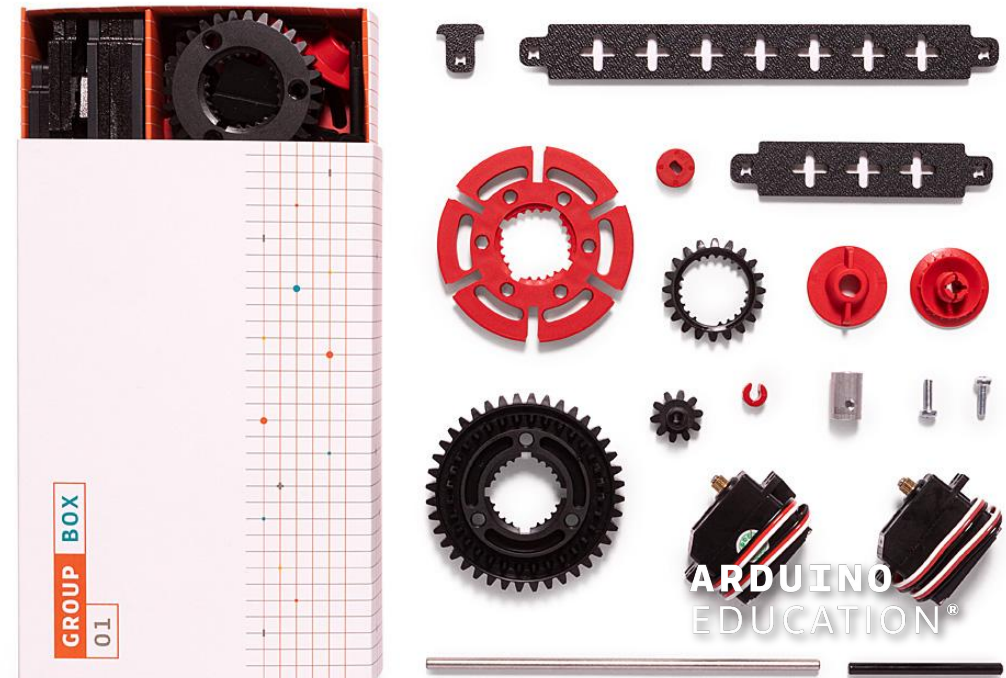
- Circular to linear
- Making things move
- Gears and pulleys
- Wiggler
- Spin-a-wheel



The Arduino CTC kits have students through this engineering design loop in each lessons enabling them to practice adaptability, creativity and persistence

- Corine Pachi, Technical Editor

Discover more at: store.arduino.cc



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