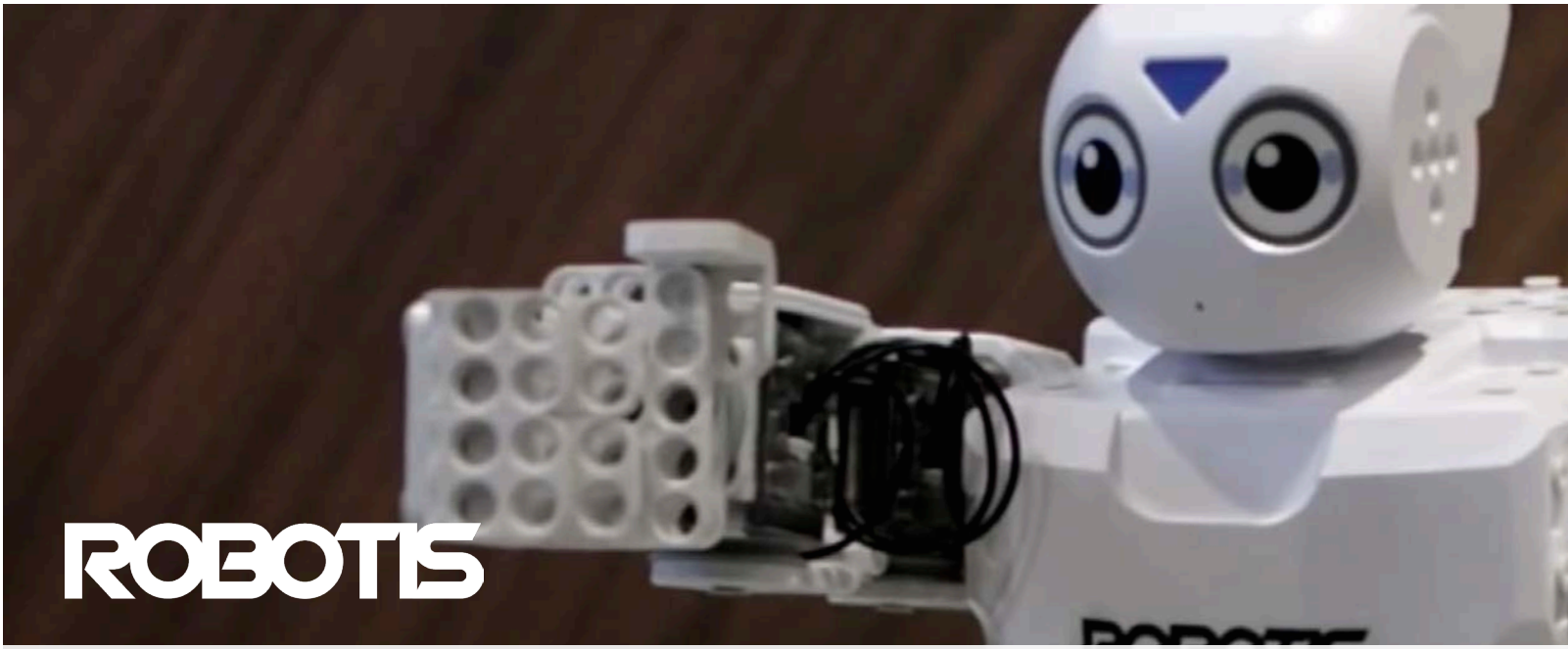


Introduce and **engage students in STEM subjects** with robotics kits uniquely designed for every grade level.

Starter Kit

Robotis Play 300 Dino's and 600 Pets

(Recommended Grades K-3)

Robotis PLAY Series are robotics kit designed to introduce students to simple engineering concepts by allowing students to build their own robots. The kits introduce students to the basic parts needed to build robots, including actuators, rivets, motors and more.

Kit 1

Robotis Play 700

(Recommended Grades K-3)

Robotis Play 700 kit introduces coding by having students create programs for their robots through R+ Task and R+ Scratch software.

Kit 2

Robotis DREAM Kits

(Recommended Grades 3-6)

Robotis DREAM robotics kits introduces the fundamentals of mechanical design and the scientific principles of movement, speed, leverage, elasticity, inertia and more. Specifically, Robotis DREAM features:

Level 1- Introduces basic robotics movements and their scientific principles such as the center of gravity, force, and electric power. Level 1 also teaches the principles of biped (2-legged) and quadruped (4-legged) robotics.

Level 2-Builds on level 1 to teach the basics about the structure of robots, IR sensors, and microphone sensors. It also teaches scientific and physical principles of speed, elasticity, inertia, acceleration, and resultant force.

Level 3-Teaches the principles of pulleys and other equipment and how to utilize robot peripherals.

Level 4- Provides more advanced teaching of robotics including on machine equipment such as LEDs and caterpillar wheels and introduces scientific principles such as energy transitions.

**Kits come with a fully-colored assembly guide, building tips, curriculum, and pre-designed lessons for the robots.*

learn more online
teq.com/robotis

Kit 3

Robotis STEM Series

(Recommended Grades 6-9)

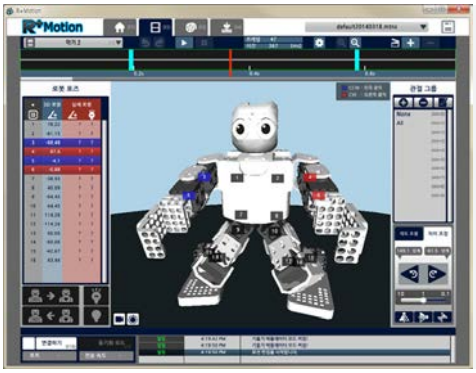
The ROBOTIS STEM kits introduce real-world engineering and physics concepts including centrifugal and centripetal force, angular velocity, the conservation of energy, and more! The STEM kits also introduce DYNAMIXEL actuators, which are used with industrial applications worldwide and introduce principles of robot programming related to them.

Kit 4

Robotis Mini

(Recommended Grades 8-10)

Robotis Mini is the most advanced robotics kit in the product line and allows your students to integrate concepts explored with the Dynamixel actuators, sensors, LEDs', and motors explored in previous kits to build their own miniaturized humanoid robot. The Robotis Mini can also be programed using R+ Task and allows students to explore the most advanced C/C++-based programming concepts through programming its Arduino-like open-source embedded controller.



Programming with Robotis

R+ task software is a free colorful, icon-based programming tool based on C++ students can use to create programs for their robots. Programming your robots becomes more complex as you build robots that have more parts. With Robotis, you will have the opportunity to gradually explore more advanced coding concepts as you advance through each of our kits, eventually being able to explore advanced coding concepts with the Mini.