

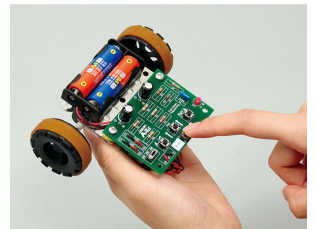
Program Descriptions

Pre-K & Kindergarten: This program is all about initial discovery and a fun way to get curious young minds excited about robots and the science behind them. Students will build multiple robots to take home using early learning kits selected especially for small fingers.

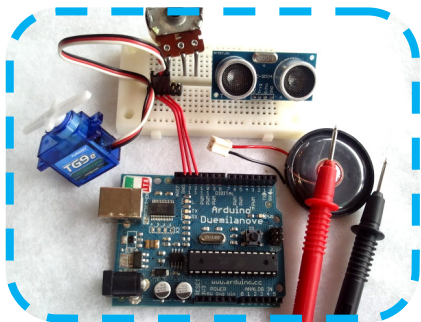


Grades 1-5: Our original afterschool program offers an exciting introduction to the inner workings of robots. Using fine motor skills and problem solving, students will learn about the technology that makes robots work while building multiple robots of their own to take home for further experimentation!

Grades 6-8: The program for junior high students offers a more intensive robot-building experience using more elaborate kits, as well as an introduction to robot programming. Advanced topics focusing more on the design and functionality of robots are effectively pursued in this program.



High School: This advanced program gives technology minded students the opportunity to build and program a robot utilizing computer control. Students will learn how to write programs to microcontrollers, use them to control electronic devices, and ultimately implement them in their own robots.



```
Test_Motor | Arduino 0022
File Edit Sketch Tools Help
Test_Motor
const int motorPinL1 = 5;
const int motorPinL2 = 4;
const int enablePinL = 3;

void setup(){
  pinMode(motorPinL1, OUTPUT);
  pinMode(motorPinL2, OUTPUT);
  pinMode(enablePinL, OUTPUT);
  digitalWrite(motorPinL1, HIGH);
  digitalWrite(motorPinL2, HIGH);
  digitalWrite(enablePinL, LOW);
}
```

