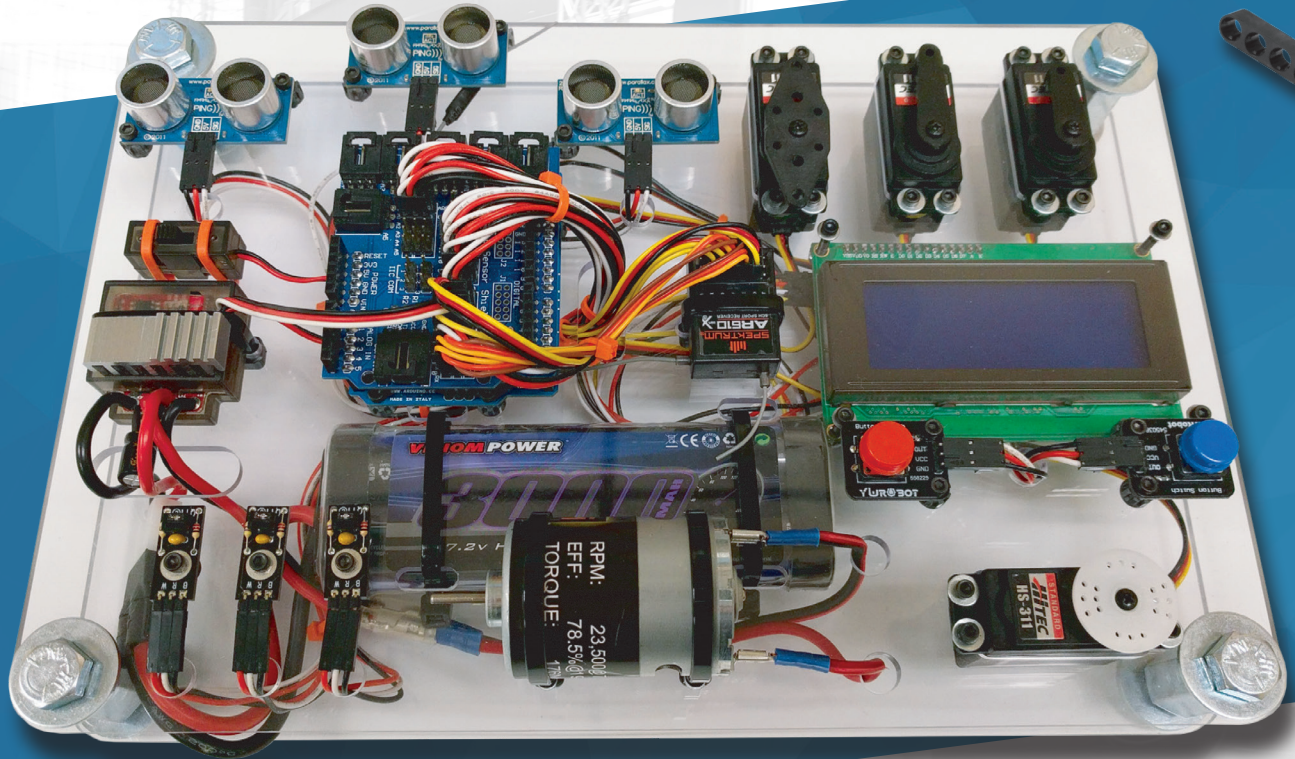


FOUNDATIONS TO ROBOTICS

Teacher's Resource Breadboard

MCK-FDTR-001

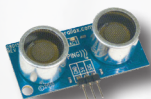
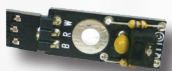


MINDS-i STEM INTEGRATED ROBOTICS: BREADBOARD

This fully assembled and programmed robotics breadboard accompanies the MINDS-i Foundations Curriculum. Designed to help teach programming, it allows you and your students to physically interact with the sensors on a stationary platform and can be used as a quick and easy method for checking your students wiring and code.

SPARK AND SUSTAIN STUDENTS' INTEREST IN STEM

MINDS-i Robotics engages students in an energizing STEM learning environment with easy to build, program, and modify robots. Technologically advanced rovers and drones perform impressive real-world tasks that build excitement for STEM careers. The curriculum encourages collaborative problem-solving and the open-source Arduino® C++ programming language fosters endless creativity. With outstanding technical support, teachers are empowered and students are inspired to build whatever they envision in their "mind's eye."



BUTTONS

IR LIGHT SENSOR

ULTRASONIC SENSOR

ARDUINO®

SERVO

RC CONTROL

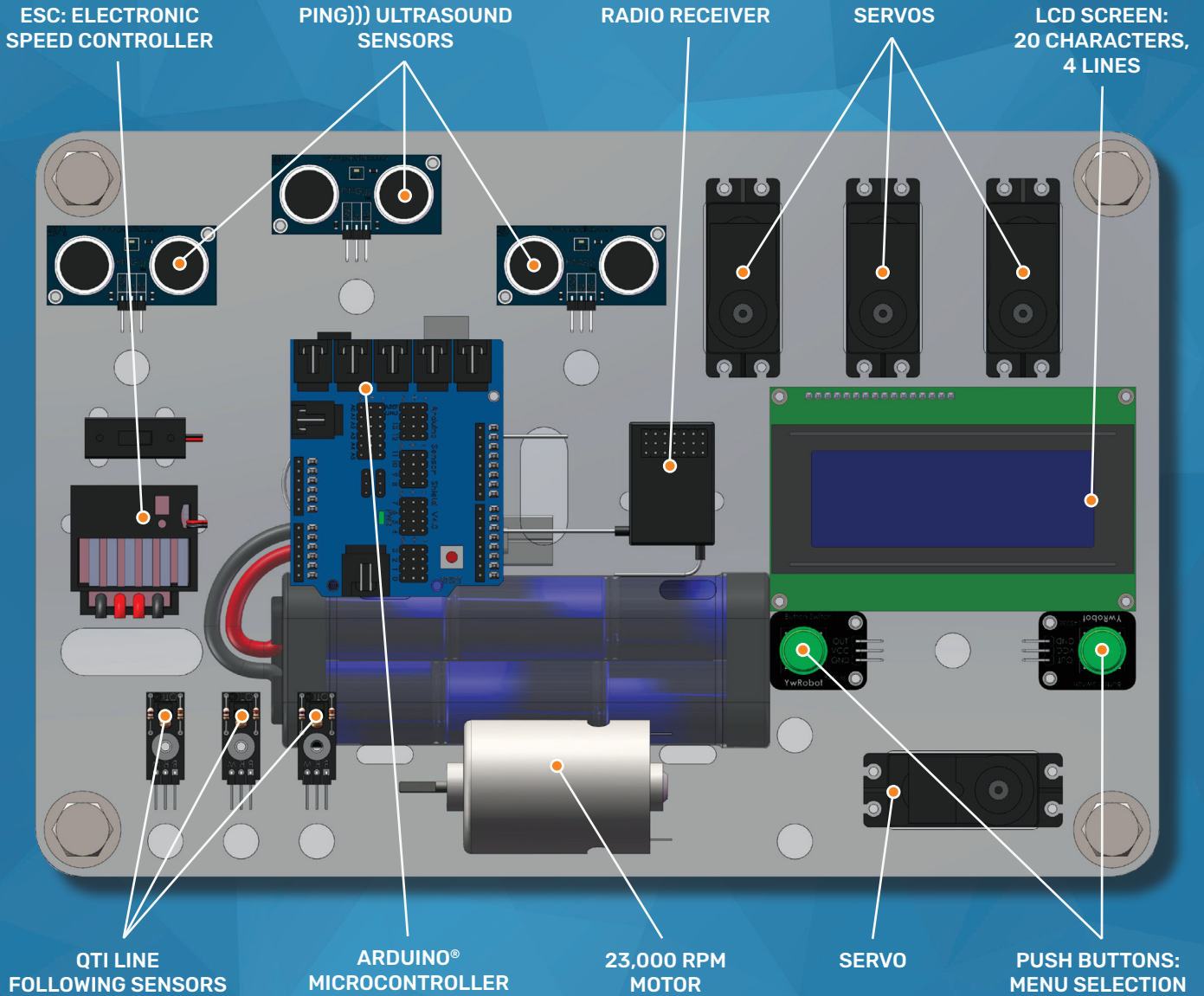
LCD SCREEN

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mindsieducation.com »

info@my minds i.com »

TEACHER'S RESOURCE BREADBOARD



ARDUINO® PROGRAMMING SOFTWARE & LEONARDO HARDWARE

- » 20 Digital I/O Pins
- » 7 PWM Channels
- » 12 Analog Input Channels (with ADC)
- » Serial & I2C Communication Ports
- » 32 KB Flash Memory & 16 MHz
- » Full Set of Sample Code in Library
- » Windows 10, OS X & Linux Ready
- » Digital Ports can Operate Servos, Motors and Sensors

