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.”

FIND YOUR MINDS-i SALES REPRESENTATIVE AT: mindsieducation.com » info@mymindi.com »
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