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LEGO® MINDSTORMS® Education: The NXT Generation of Educational Robotics

As the robotics field continues to expand and innovate worldwide, LEGO Education is keeping pace with the launch of LEGO® MINDSTORMS® Education, the next generation of LEGO Education robotics for schools.

First launched in 1998, LEGO MINDSTORMS for Schools and ROBOLAB™ each year help countless students grasp science, technology, engineering, and math concepts with hands-on, naturally motivating building sets, programming software, and schemes of work.

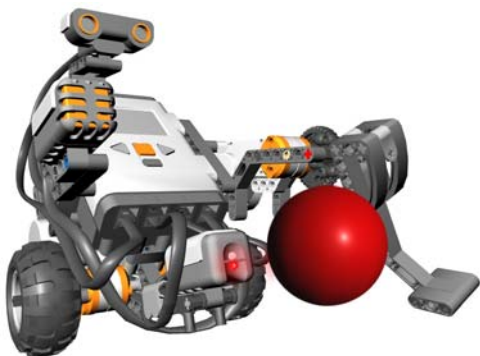
MINDSTORMS Education will be launched in August 2006, bringing the latest technologies to students aged 8 and up.

With a new intelligent brick, expanded sensor capabilities, updated programming software, and new schemes of work, MINDSTORMS Education enables students to complete assigned challenges with more options than ever before – they'll build stronger and smarter robots that more closely mimic real-world machines.

Features of the new system include:

- New 32-bit NXT intelligent brick
- Rechargeable battery system with A/C plug
- Sturdy LEGO® TECHNIC building system with over 400 elements
- New ultrasonic and sound sensors, plus improved light and touch sensors
- Three interactive servo motors with built-in rotation sensors
- Bluetooth® technology allowing robots to communicate with computers, cell phones, and PDA's
- New, highly intuitive programming software with increased functionality that, like ROBOLAB, is powered by LabVIEW™ from National Instruments
- Progressive and comprehensive schemes of work developed by Carnegie Mellon University's Robotics Academy to meet specific curriculum targets

The new software platform focuses on developing engineering skills, and includes a fully integrated Robotics Educator for step-by-step guides to building and programming robots. Work is already underway to produce a second software platform that covers important aspects of the science and scientific inquiry curriculum. This will be launched in 2007.



LEGO Education continues to provide technical support and services for the LEGO MINDSTORMS for Schools and the ROBOLAB programming software through to 2009. Schools will also be offered accessories that allow them to use parts of their old kits with the new. And Tufts University's Center for Engineering and Outreach will play a key role in providing professional support and advice for new and existing users.



Visit the following websites for more information about LEGO MINDSTORMS NXT and MINDSTORMS Education:

www.LEGO.com/education

www.LEGO.com/MINDSTORMS

www.LEGOeducation.com (North America)

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