

What do Science, Mathematics, Technology,
and a Mouse have in common?

Introduction to BasicX Programming

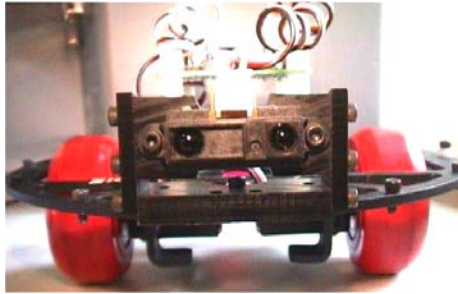
Using Robodyssey Systems Educational Robots

BY CHRIS D. ODOM

From the Introduction:

Why Robotics?

I strongly believe that robots are the most exciting pedagogical tools to enter the classroom since the personal computer. Unfortunately, too many people believe that merely *playing around* with a robot will propel today's student into the academic stratosphere. "Place a few robots in a room full of students", they say, "and watch the magic happen!"



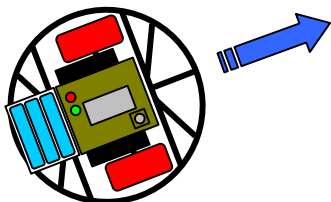
Well, it doesn't happen by magic. It happens with a thoughtful curriculum, superior products, and hard work. Robotics is the *means to an end*, combining the best parts of **science**, **math**, and **technology** under one alluring concept. When done correctly, students are exposed to the exciting world of robotics, while at the same time they are cultivating a deep understanding and love for math and science. And that's what it is all about. Education. Not robots.

Why BasicX?

When you learn BasicX you learn three languages at once: BasicX, QBasic, and the **world's most popular language**: Visual Basic – since BasicX is a subset of Microsoft's Basic languages. In addition, learning BasicX simultaneously teaches you the **programming structure** of many other popular programming languages such as C, C++, Java, and Perl. BasicX makes it **easy** to write programs that **control real-world devices** such as robots, sensors, lights, and motors. Other popular languages, which are designed for desktop programming, either *cannot* control real world devices or can do so only with *great difficulty and much expertise*. BasicX, however, gives you both power and versatility!

◆ SOFTCOVER ◆ APPROX. 400 PAGES ◆ OVER 600 FULL COLOR IMAGES & ILLUSTRATIONS ◆
◆ OVER 200 CODE EXAMPLES ◆ OVER 400 CHALLENGE PROBLEMS ◆

◆ ANTICIPATED RELEASE DATE: EARLY 2005 ◆



"Education outside the box."

Distributed by



20 Quimby Avenue
Trenton, New Jersey 08610
Phone/Fax 609.585.8535
www.robodyssey.com