

JOIN THE ROBOTICS PROGRAM!



TALK TO YOUR
COUNSELOR TODAY

Richwood High School students are on the cutting edge of cyber literacy with the new resources designed to engage them in hands-on problem-solving techniques in the digital world.

WHY ROBOTICS?

Building robots may sound like science fiction, but robots are a very real part of today's world. Besides being just plain cool, robots are practically useful as tools in fields from manufacturing to space exploration to surgery. Becoming more familiar with robotics can lay the foundation for a career at the cutting edge of science, or at very least, a better understanding of the ways technology can be used to solve real-world problems.



Richwood High School

"Make it a great day or not, the choice is yours."

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Robotics & Cyber Literacy

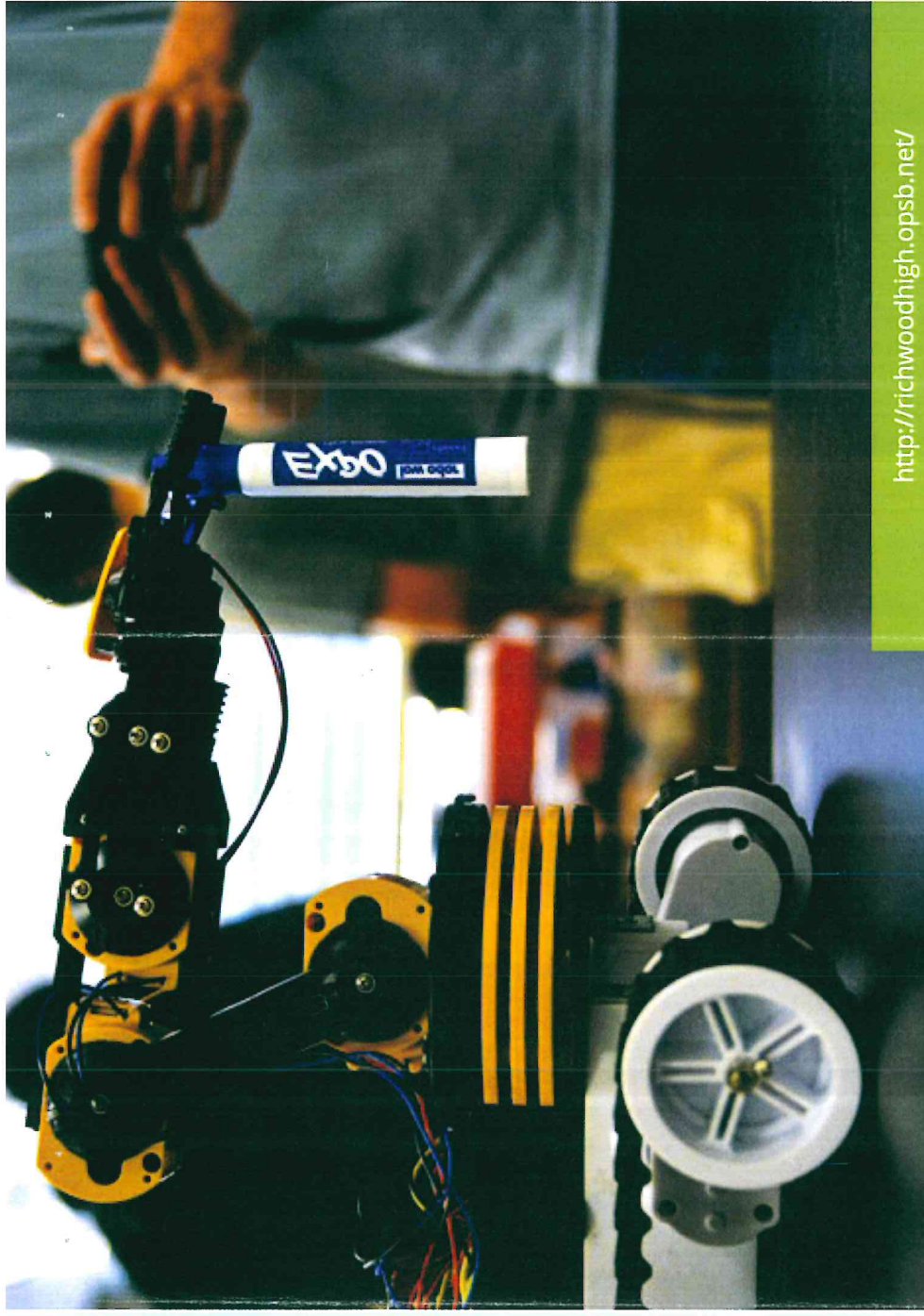
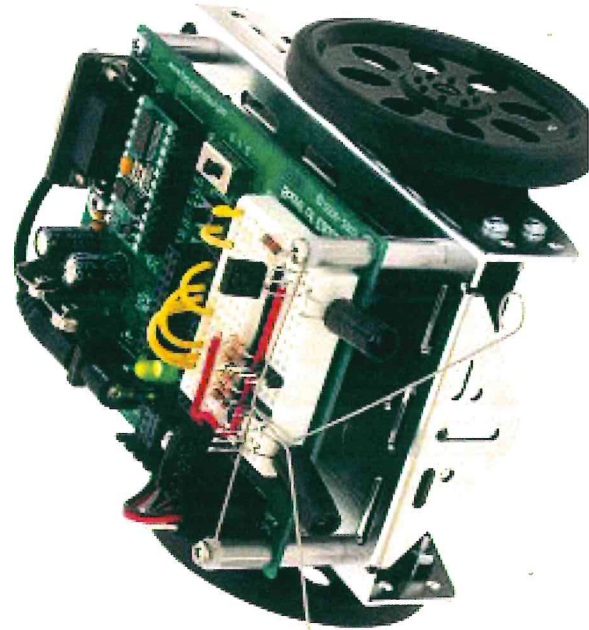
A RICHWOOD HIGH PROGRAM
Louisiana Believes

“ Every one of Louisiana's children should be on track to a college degree or a professional career. ”

WHAT IS ROBOTICS?

In general, robotics is the field concerned with the construction, programming, and use of robots, specialized machines designed to perform certain tasks that humans assign. Robots are currently used in a wide range of different fields, either to replace or to augment human labor.

Robots need to be designed before they're physically built. Once they're put together, their computerized brains must be programmed to perform the right tasks. People are also needed to control, maintain, and repair the robots, as well as to strategize how they'll be used. Students in a robotics club or team might perform any (or more than one) of these responsibilities.



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WHAT WE DO?

Thanks to the generous donation from CenturyLink, the Richwood High School Cyberliteracy and Robotics Program is hard at work learning techniques for programming and technology literacy. Using funds from provided by CenturyLink, the school purchased four (4) Boe-bots along with additional attachments for their beginning robotics program. Though this is a new program, it has been in

full implementation for the past six (6) weeks and currently has 8 members. The Robotics Club members meet every Thursday immediately after school for approximately 90 minutes. During its meetings, the club members engage in the following among other activities:

- using BASIC programming

- language to test assemblies
- problem-solving competitions using the Boe-bot
- animation
- competition using Alice 2.5
- computer shortcuts



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