STEM
Education & Inspiration Through Robotics

- Increase enrollment in robotics and computer science by up to 1,000%

- Students learn real-world robotics and programming skills

- Clip-together assembly encourages innovation and design thinking

ez-robot

STEM Engagement

Trusted by educators in more than 90 countries, EZ-Robot helps schools achieve incredible levels of engagement for boys and girls across all levels of academic ability.

Schools that implement EZ-Robot within their computer science programs will see enrollment increase by as much as 1,000%.

EVERYONE can learn coding and robotics with EZ-Robot!

From the Classroom...
to the Real World

As student's robotics and programming skills improve, EZ-Robot's power, ease-of-use, and versatility allow them to build a wide range of real-world robotic applications.

EZ-Robot offers advanced features like speech recognition, visual tracking, virtual reality, and artificial intelligence

EZ-Robot is compatible with a wide range of powerful sensors like Accelerometers, CO_2 Sensors, Gyroscopes, Infrared, LiDAR, and more.

From Primary School to High School to the Real World, EZ-Robot fosters life-long learning that allows your students to grow and apply technology to all aspects of their lives.
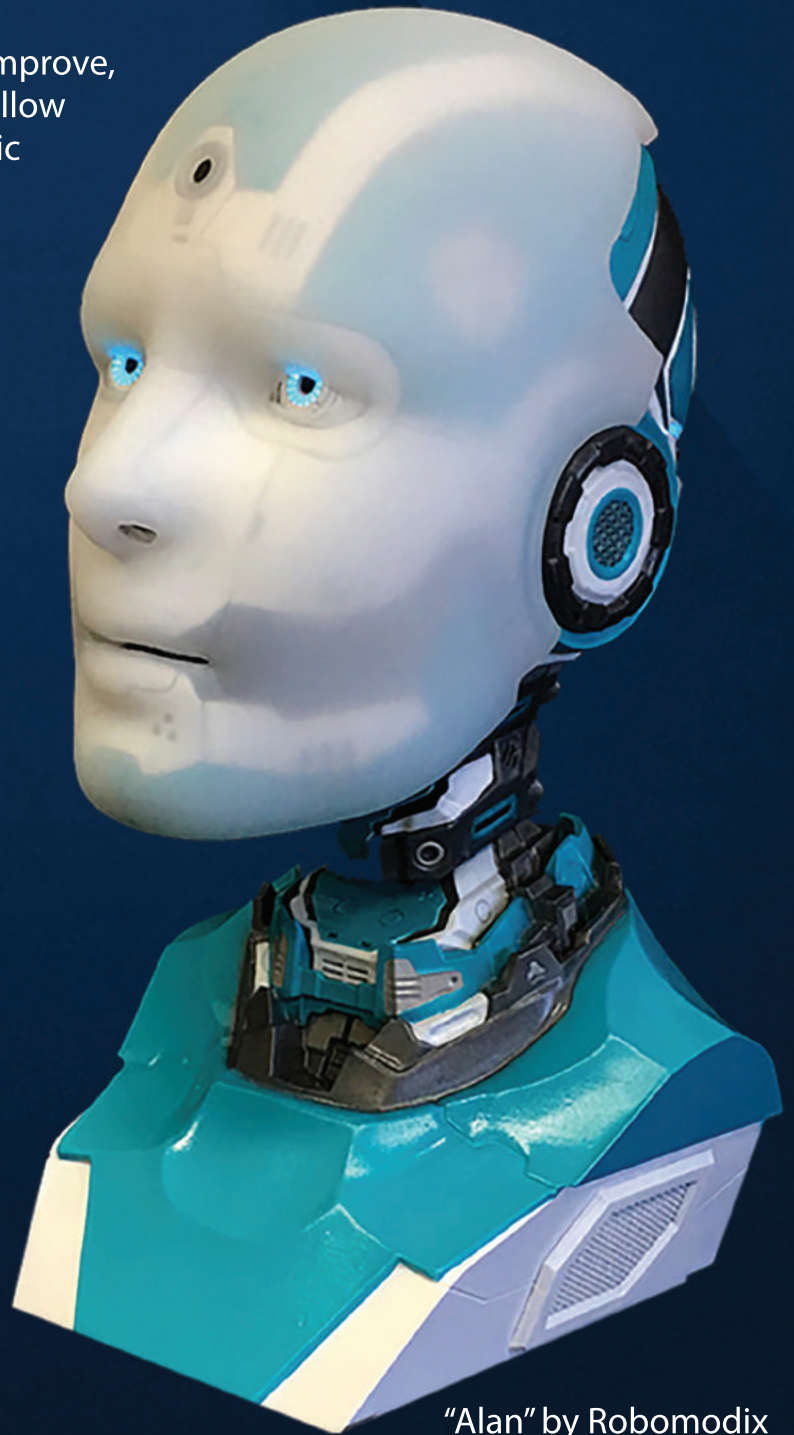
"Alan" by Robomodix

Photo by David Copeman

ez-robot

STEM Education & Inspiration Through Robotics
Frequently Asked Questions

Why is Robotics Education Important?
Robotics and Artificial Intelligence are transforming the workplace. These technologies will impact every industry and students who have literacy in these technologies will have a significant advantage upon graduation. Robotics teaches a broad range of 21st Century Skills and helps students develop strong critical-thinking skills and resiliancy. Plus it's a BLAST!

What sets EZ-Robot apart from other platforms?
EZ-Robot is a real-world robotics platform with advanced features like speech recognition, visual tracking, and Artificial Intelligence. EZ-Robot is also incredibly engaging. Students LOVE EZ-Robots and schools that have introduced EZ-Robots as part of their computer science programs have seen enrollment increase by as much as 1,000%.

What makes EZ-Robots "real-world?"
Our clients have used EZ-Robot to make life-sized humanoids, submarines, drink dispensing robots, and self-balancing boards. The wide range of available sensors allow students to innovate and create a multitude of robots and advanced robotic applications. Students learning robotics with EZ-Robot are learning real-world skills in context of the workplace and robotics industry.

What grade levels are EZ-Robots appropriate for?
The software is easy enough that 2nd graders can have success, but we generally recommend it for 4th grade and above. At the same time, it's also incredibly powerful, making it ideal for universities and post-secondary institutions.

Do teachers need robotics experience to have success with EZ-Robots?
Our curriculum is designed so busy teachers can simply follow the comprehensive and engaging lesson plans as directed. Writable, savable, interactive logs allow both teachers and students to record their responses, thoughts, observations, writings, and notes.

What coding languages do you use?
Students can begin learning robotics with EZ-Robot's graphic interface and drag-and-drop languages like RoboScratch and Blockly. As students skills advance they transition into text-based scripting languages like Python, JavaScript, and EZ-Script (a "C" derivative).

What level of enrollment does EZ-Robot typically achieve?
EZ-Robot has helped High Schools achieve unprecedented levels of engagement, with up to 45% of boys and girls enrolling in robotics and computer science courses. Within Middle Schools, the results are even more impressive. Up to 90% of all students indicate they want to learn robotics and coding when it is taught with EZ-Robots. Given the increasing importance of robotics and artificial intelligence across all industries, it's important that we bring this education to as many students as possible.

Contact:
Anthony Mesmar
email: anthony@ez-robot.com
phone: +1 825 365 5488

ez-robot