



CoderZ™

AN ONLINE LEARNING ENVIRONMENT FOR STUDENTS TO LEARN STEM, CODING AND ROBOTICS WITH VIRTUAL CYBER ROBOTS

CoderZ is an innovative and fun learning platform for students worldwide to engage in robotics, computer science, and STEM to foster 21st century skills. Using simulated 3D virtual cyber robots, students learn Science, Technology, Engineering and Mathematics while engaging in challenging tiered missions that develop creativity, critical thinking, collaboration and an appreciation for technology.

CoderZ is easy for schools and teachers. The cloud based, SaaS application is easy to deploy, cost effective and includes teacher resources and curriculum to enable any educator to introduce STEM to their classroom. No specialized hardware or training is required.

CoderZ makes STEM education accessible to all students, of all levels, at all schools and of all backgrounds.

▶ **EQUITABLE**

▶ **INCLUSIVE**

▶ **ENGAGING**

▶ **EASY TO IMPLEMENT**

COMPREHENSIVE STEM EDUCATION SOLUTION

Whether you want to introduce STEM to your students, enhance your robotics programs with cool robot simulations, upgrade your computer science classes with robotics and physical computing through engaging and fun online robotics simulations, CoderZ is the platform for you. CoderZ combines an interactive coding platform that engages students, curriculum, and tools for educators into a powerful learning solution that supports tech literacy and stimulates STEM careers.

▶ LOW FLOOR, HIGH CEILING PATHWAY

CoderZ fits all levels at all types of schools. Introduces novices and experts to coding and robotics. Curriculum for coding novices based on Blockly through to advanced CS who program with Java and other languages.

▶ DESIGNED TO ENGAGE

Students love the immediate feedback of the gamified missions and 3D robot simulation that guides them through engineering, computer science, math and other STEM learning.

▶ EASY TO IMPLEMENT & SCALABLE

CoderZ is a cloud based online program that runs in a Chrome web browser. Students can access the CoderZ experience in class, during after-school activities and at home at any time of the day.

▶ TEACHER FRIENDLY

The program supports teachers with standards aligned curriculum, dozens of courses, tutorials, challenges' solutions and webinars to support professional development. The class management feature provides statistics per student and per class to see at a glance how your students proceed.



MEASURABLE OUTCOMES

- ▶ Each student has their own robot and individual assessment
- ▶ Teachers track progress, skills achievement, code capabilities and do formative assessments
- ▶ Track engagement, activity level and success rate on a student, class or system level
- ▶ Student, classroom, school and system level reporting
- ▶ Real time information

WHY CODERZ

- ▶ **For Students:** Gamified, challenging, engaging and fun environment to explore the world of STEM
- ▶ **For administrators:** Easy to deploy and scale cost effectively in a school, a district or statewide
- ▶ **For teachers:** User friendly platform which provides the ability to offer an enriched learning experience
- ▶ **For curriculum advisors:** Integrates and enhances curriculum for STEM and Computer Science

AWARD FOR EXCELLENCE

Innovation that transforms the way students learn and how educators teach technology

//CODiE//
2019 SIIA CODiE FINALIST



ENGAGING

With CoderZ, students are attracted to interact with fun, real world challenges and the immediate feedback of the simulated robotics. CoderZ motivates students to progress at their own pace by creating reachable goals. With CoderZ students learn STEM and have fun at the same time.

EQUITABLE

CoderZ can be cost effectively deployed to a club, classroom, school or region/district. Cloud based and internet accessible, every student can code his or her own virtual robot in minutes in class or at home.

INTERDISCIPLINARY

To succeed in the 21st century jobs, students need knowledge of science, technology, engineering, math and together with learning skills such as creativity, critical thinking and collaboration. CoderZ integrates the STEM disciplines with project-based learning to prepare students for the real world.



CONTACT US

For more information visit: www.GoCoderz.com
or contact us: info@gocoderz.com



Follow our **CoderZ YouTube** channel



Friend us on **Facebook**



Follow us on **Twitter**



View us on **Instagram**

C o d e r ZTM