



New Product Announcement

Youth and Educators Succeeding

FOR RELEASE April 29, 2008
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TechYES Science - Student Technology Literacy Certification Through Science Projects

Meet STEM and NCLB initiatives in middle school science classes

OLYMPIA, Washington, April 29, 2008 – Generation YES Corp., a leading publisher of student-centered technology programs, today announced **TechYES Science**, a new technology literacy certification program based on science projects for students in grades 6-9.

TechYES Science helps schools integrate technology literacy projects into science classes. Students complete projects aligned to their existing science curriculum that meet the ISTE NETS technology standards for students and receive national certifications. With budgets being reduced for technology electives, TechYES Science will assist schools as they strive to meet the No Child Left Behind (NCLB) technology literacy requirement for all eighth graders.

Like all Generation YES programs, students are at the heart of the model. TechYES Science succeeds by preparing a small group of student peer mentors to assist all science students as they complete their technology-infused science projects as well as assess whether those projects meet the ISTE NETS standards.

The need for STEM education

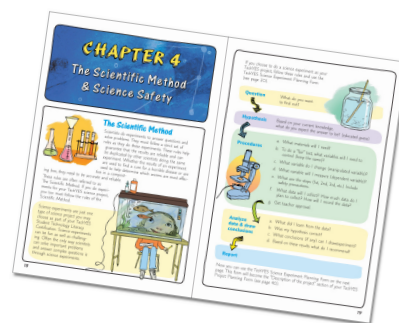
The need for STEM (Science, Technology, Engineering and Math) education has never been greater. According to a March 2007



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report from the Education Commission of the States, the increasingly globalized economy means that these STEM subjects are areas key to success in a high-tech world. In 2007, the National Academies of Science, Engineering and Medicine published *Rising Above the Gathering Storm*, calling for “vast improvements” in K-12 science education incorporating technology. Almost thirty percent of students in their first year of college are forced to take remedial science and math classes because they are not prepared for college-level courses. To make matters worse, middle school teachers don’t have time to squeeze technology lessons into the school day. Students are not being taught to use the technology they will need to succeed in high school science classes and in future STEM careers.

TechYES Science addresses these issues with an innovative solution. Middle school science students become technologically proficient by creating science projects that meet TechYES technology requirements. As part of TechYES, a structured peer-mentoring program provides student leadership opportunities that serve to further strengthen the program and enrich the learning community. With TechYES Science, science teachers can focus on their science lessons and do not have to teach or assess technology.



Moreover, by infusing science, technology, and problem-solving abilities into a single, authentic teaching strategy, TechYES Science equips teachers to instill in their students not only the skills, but also the passion and self-confidence to pursue advanced careers in high-tech STEM fields.

TechYES Science Starter Kit

The TechYES Science Starter Kit provides middle school and after-school educators everything needed to run a program offering 30 students a path to technology literacy certification.

The TechYES Science Starter Kit contains:

- ✓ **Full color Student Guides** – leads every student through the TechYES certification process through science projects.
- ✓ **Comprehensive Implementation Guide** – includes research-based strategies and best practices for science teachers and potential TechYES advisors.
- ✓ **TechYES Certificates** – Certificate of Technology Literacy for each successful student.
- ✓ **TechYES web portal** account
- ✓ **Classroom posters**
- ✓ **TechYES Resource CD** – Reproducibles, guides, videos and more.



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TechYES Science is research-based and a proven success

TechYES has been used in middle school classrooms in the United States and around the world for four years. In two independent evaluations, TechYES was found to be effective in teaching and assessing student technology literacy skills. TechYES appears on the website of several state educational technology departments as the only project-based technology literacy assessment available to middle schools. TechYES is also included in the *The Partnership for 21st Century Skills Route 21* database of 21st century skills-related resources. The TechYES model was developed by Generation YES based on extensive research on the effectiveness of authentic, project-based learning, authentic assessment, peer mentoring, and student empowerment.



Pricing and Availability

The **TechYES Science Starter Kit** is \$595 and includes: 30 student guides and certifications, an implementation guide (for teachers or program advisors), 2 full-color classroom posters, a CD-ROM of electronic resources and videos, and a site license to run **TechYES Science**.

To certify additional students, student guides and certifications are available for \$14.95 in quantities of 1-9, \$12.45 in quantities of 10-99, and \$9.95 in quantities greater than 100.

TechYES Science will be available from Generation YES in June 2008.

Generation YES

Generation YES programs teach and empower students to solve technology problems in their schools and communities. With a strong research base and 12 years of experience, Generation YES programs offer win-win solutions that benefit everyone. Generation YES offers school-friendly online tools, innovative project-based curriculum, and customized support to schools seeking to include students as leaders, mentors, and collaborators in technology integration and literacy efforts.

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TechYES press release <http://www.genyes.com/news/0408>
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