STEM Inventory

Entry# 331

Program-Title USAGraduate.com

Industry-based

Gradnet, Inc. PoC Bob Clary

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Address P.O Box 170 Syracuse, NY 13201

URL www.usagraduate.com

Service-Region Nationwide

Org-Type

Lead

Type Student Program

Subjects General Science | Biology | Math | Chemistry | Physics | Earth Science | Space | Computer Science | Environmental

Science | Engineering | Robotics | Technology

Level Middle School (5-8th grade) | High School (9-12th grade)

Other-Objectives The program is designed to foster an interest in and an unc

The program is designed to foster an interest in and an understanding of STEM in the informal setting of an interactive, user-driven website and to provide inspiration to sustain the interest. The objective is to have the USAGraduate.com competition engage students in a fun learning experience, showcase local STEM initiatives and career opportunities, and inspire them to pursue a career in Science, Technology, Engineering or Mathematics. As a novella unique communications medium, it presents the opportunity to add other

applications, such as wellness, environment, and civics.

Served-per-Year 25,000 + Demographics Economically disadvantaged

Content USAGraduate.com is an engaging website for students in grades 7 -12, currently devoted to increasing their interest and understanding of Science, Technology, Engineering and Math (STEM). Participation in USAGraduate.com is provided at no cost for students and

schools. Students are attracted to the USAGraduate.com program, and the repeated informal STEM learning experiences, by incentives - both intrinsic and extrinsic throughout a 10 week competition. They enjoy the freedom of a program that is self-directed and geared toward their interests even while expanding their exposure to curriculum relevant STEM topics. They are able to track their weekly scores on the STEM quizzes and view their cumulative record as the competition progresses. Numerous prizes including laptops, netbooks, ipods and Amazon gift certificates will be presented at the end of the competition. In addition, all participants that complete all of the quizzes will receive a certificate of completion. The program is based on the 'Graduate Online Youth Quiz' which is free on-line educational Quiz for primary and post primary students which has been available throughout Ireland for the last six years. GradNet Limited operates the franchise in Ireland and USAGraduate.com using the same proven technology. For more information on 'The Graduate', go to www.graduate.ie. STEM topics are critical for many future workforce development opportunities. STEM has been clearly identified in the USA as a major area of concern for government, educationalists and businesses. This focus also represents an immediate need to get students engaged in the United States' commitment to green and sustainable jobs. To date, over 25,000

students have participated in the program in the United States.

Outcomes Participants will: 1. Experience an increased awareness, knowledge and understanding of STEM concepts, processes and/or careers. 2.

Develop a more favorable attitude toward STEM concepts, processes and/or careers. The primary focus of the program is secondary students in grades 7-12. Our research shows that this is where most students are considering subject preferences and career options.

Started January, 2006 Funded-Through

Length Ongoing Cost No cost to the students, teachers, parents.

Primary-Funding Industry Primary-\$

Materials

Other-Funding How-Assessed

Best-Practice-Why

Promising-Practice

Sponsor Sponsor-Org

Sponsor-Phone Sponsor-Email

Other-Orgs